

**TENNESSEE STATE BOARD OF EXAMINERS FOR
LAND SURVEYORS**

Approved Courses, Seminars and Workshops for Continuing Education

TAPS – SOUTHEAST CHAPTER

"What Does the Board Hear About Your Work?"	2 PDH's	<i>CER-092</i>
"Your Role in GIS in Hamilton County"	2 PDH's	<i>CER-093</i>

CONTACT PERSON: Bart Crattie (423-624-5041)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"NSPS/ACSM Survey Technician Certification Exam: Preparation Course"	7.5 PDH's	<i>CER-094</i>
"The Surveyor and the Lawyer"	4 PDH's	<i>CER-095</i>

CONTACT PERSON: Trish Milburn (240-632-9716 – Ext. 112)

NATIONAL BUSINESS INSTITUTE ***CER-096***

"Major Land Use Laws in Tennessee"	6 PDH's
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CONTACT PERSON: Rita Chaney (715-835-8525)

STRUCKMAN-THORPE ASSOCIATES ***CER-097***

"Dendrology (Tree Identification)"	4 PDH's
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CONTACT PERSON: Jim Thorpe (931-670-0772)

AEC-CAD SOLUTION, INC. ***CER-098***

"Softdesk Civil Survey Level One Training Workshop"	8 PDH's
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CONTACT PERSON: Darrel Galde (423-974-8759)

THE UNIVERSITY OF TENNESSEE MANAGEMENT DEVELOPMENT ***CER-099***

"Lessons in Leadership – Make It Happen"	5 PDH's
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CONTACT PERSON: Tony Morreal (423-974-8759)

STRUCKMAN-THORPE ASSOCIATES

"Land Contracts and Instruments"	4 PDH's	<i>CER-100</i>
"Boundary Law – Public Domain"	6 PDH's	<i>CER-101</i>
"Small Business Operation"	6 PDH's	<i>CER-102</i>
"Minimum Technical Standards"	2 PDH's	<i>CER-103</i>

CONTACT PERSON: Jim Thorpe (931-670-0772)

TENNESSEE ASSOCIATION FOR PROFESSIONAL SURVEYORS

"History of Land Surveyors"	6 PDH's	CER-104
"Drainage"	6 PDH's	CER-105
"Dendrology"	6 PDH's	CER-106

CONTACT PERSON: Lori Medley (615-860-9311)

**DEPARTMENT OF ENVIRONMENT AND CONSERVATION
Division of Water Pollution Control**

CER-107

"Wetlands"	2 PDH's
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CONTACT PERSON: Mike Lee (615-532-1712)

CITY OF CHATTANOOGA – STORMWATER MANAGEMENT DIVISION

CER-108

"Best Management Practices for the Control of Erosion"	4 PDH's
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CONTACT PERSON: Doug Fritz (423-757-5120)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

CER-109

"ALTA/ACSM Land Title Surveys"	4 PDH's
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CONTACT PERSON: Joe Connelly (615-383-8695)

FLORIDA SURVEYING AND MAPPING SOCIETY

"Photogrammetry Overview"	2 PDH's	CER-110
"Public Land Case Law"	4 PDH's	CER-111
"GPS"	2 PDH's	CER-112

CONTACT PERSON: Jeanne Paugh (904-942-1900)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

CER-113

"Boundary Survey Costs and Contracts"	4 PDH's
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CONTACT PERSON: Joe Connelly (615-383-8695)

TENNESSEE BOARD OF EXAMINERS FOR LAND SURVEYORS

CER-114

"Land Surveyors Roundtable"	3 PDH's
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CONTACT PERSON: Joe Connelly (615-383-8695)

LAMAR DUNN AND ASSOCIATES INC.

"Confined Space"	8 PDH's	CER-115
"OSHA 40-Hour Hazardous Waste Operations and Emergency Response"	40 PDH's	CER-116
"Hazardous Waste Operation Supervisor"	8 PDH's	CER-117
"Annual Refresher"	8 PDH's	CER-118

CONTACT PERSON: John Lawhon (423-573-7673)

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION CER-119

"Metric Training for Highway Publication"	8 PDH's
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CONTACT PERSON: Dave Azzato (717-783-3648)

CHATTANOOGA STATE TECHNICAL COMMUNITY COLLEGE CER-120

"Dendrology"	15 PDH's
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CONTACT PERSON: Duane Nickols or George Glass (423-697-4434)

USDA NATURAL RESOURCES CONSERVATION SERVICE CER-121

"Role of NCRS"	2 PDH's
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CONTACT PERSON: Michael E. Zeman (615-736-7241)

OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY CER-122

"Basic Surveying Principles for the Real Estate Lawyer"	5 PDH's
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CONTACT PERSON: Richard L. Helms (615-244-2101)

EAST TENNESSEE STATE UNIVERSITY CER-123

"Geographic Information Technology Workshop"	8 PDH's
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CONTACT PERSON: Patsy Counts (423-929-4479)

NATIONAL BUSINESS INSTITUTE INC. CER-124

"Boundary Law in Tennessee"	6 PDH's
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CONTACT PERSON: Lynda K. Peterson (715-835-8525)

U.T. TRANSPORTATION CENTER CER-125

"Understanding Metric in Transportation"	7 PDH's
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CONTACT PERSON: Zach Zacharia (423-974-5255)

VIRGINIA ASSOCIATION OF SURVEYORS – WESTERN CHAPTER

"GIS Technology Seminar"	6.5 PDH's	CER-126
"GIS Technology - Session I"	3 PDH's	CER-127

CONTACT PERSON: Timothy Hoelzle (540-774-4411)

JOSEPH A. DONATO, JR.

"#1-2 Title Blocks and Seals for Professional Engineers and Land Surveyors"	2 PDH's	CER-128
"#5-2 Survey Requirements and the Professional Surveyor"	2 PDH's	CER-129
"#5-4 Survey Requirements and the Professional Surveyor"	4 PDH's	CER-130
"#5-6 Survey Requirements and the Professional Surveyor"	6 PDH's	CER-131
"#5-8 Survey Requirements and the Professional Surveyor"	8 PDH's	CER-132
"#5AL-2 The New Jersey Land Surveyor and ALTA/ACSM Land Title"	2 PDH's	CER-133
"#5AL-4 The New Jersey Land Surveyor and ALTA/ACSM Land Title"	4 PDH's	CER-134
"5AL-6 The New Jersey Land Surveyor and ALTA/ACSM Land Title"	6 PDH's	CER-135
#5AL-8 The New Jersey Land Surveyor and ALTA/ACSM Land Title"	8 PDH's	CER-136
"7-2 The Professional Land Surveyor and the Division of Responsibility in Submixxon of Site Plans and Subdivision"	2 PDH's	CER-137

CONTACT PERSON: Joseph A. Donato, Jr. (908-238-9402)

MAPSYNC **CER-138**

"Fundamentals of GPS"	8 PDH's
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CONTACT PERSON: Timothy C. Poindexter (606-224-8545)

LAND SURVEYORS WORKSHOPS

"Writing Legal Descriptions"	8 PDH's	CER-139
"GPS for Land Surveying"	8 PDH's	CER-140

CONTACT PERSON: Lavanda K. Moore (704-765-7777)

HALFMOON LLC **CER-141**

"Tennessee Real Estate Titles and Title Insurance"	6 PDH's
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CONTACT PERSON: Teresa Mondloch (715-835-5900)

NATIONAL BUSINESS INSTITUTE **CER-142**

"Boundary Law in North Carolina"	6 PDH's
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CONTACT PERSON: Sue Lewan (715-835-8525)

MAPPING AND GEOGRAPHIC SERVICES**CER-143**

"Terramodel Surveying and Civil Engineering Software" 6 PDH's

CONTACT PERSON: Alex Zeiger (770-974-0290)

TAPS – NORTHWEST TENNESSEE CHAPTER

"Tennessee Department of Health Requirements for Land Surveyors (Course #1)" 2 PDH's **CER-144**

"Tennessee Department of Health Requirements for Land Surveyors (Course #2)" 2 PDH's **CER-145**

"Applications and Use of GPS Geodetic Receivers and Software Processing Techniques" 4 PDH's **CER-146**

CONTACT PERSON: Carl F. House, Jr. (901-287-4701)

DAVID A. ATWELL

"Surveying Highways" 6 PDH's **CER-147**

"Report of Surveys" 2 PDH's **CER-148**

CONTACT PERSON: David A. Atwell (606-248-6600)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT**CER-149**

"The Laws That Affect the Practice of Land Surveying" 8 PDH's

CONTACT PERSON: M. John Steensland, Jr. (1-800-239-2770)

CHATTANOOGA – HAMILTON COUNTY REGIONAL PLANNING AGENCY**CER-150**

"Open Space Subdivision Design" 3 PDH's

CONTACT PERSON: Kyle Ezell (423-757-5216)

AEC-CAD SOLUTIONS INC.**CER-151**

"Softdesk Civil/Survey Level II Certification Course" 8 PDH's

CONTACT PERSON: Darrell O. Galde (423-671-6515)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS**CER-152**

"GPS Overview for Surveyors" 2 PDH's

CONTACT PERSON: Robert Kanter (615-454-7273)

TRIMBLE NAVIGATION LTD.

"Real Time Surveying"	28 PDH's	CER-153
"Trimnet Plus"	21 PDH's	CER-154
"GPS Survey"	30 PDH's	CER-155

CONTACT PERSON: Sue Aultman (408-481-2277)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS CER-156

"Positioning the Survey Firm for the 21 st Century"	6 PDH's
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CONTACT PERSON: Melton Denny (205-556-3147)

TAPS – MIDDLE EAST CHAPTER

"Drainage/FEMA Maps"	1.25 PDH's	CER-157
"Copyright Law"	1.25 PDH's	CER-158
"A Practicing Surveyor's Review of Tangential and Non-Tangential Curves"	1.25 PDH's	CER-159
"Knox County Subdivision Regulations"	1.25 PDH's	CER-160
"Outline for Financial Independence"	1.25 PDH's	CER-161

CONTACT PERSON: Larry Doss (865-602-7861)

VIRGINIA ASSOCIATION OF SURVEYORS

"Internet and World Wide Web Technology"	3 PDH's	CER-162
"Boundary Law and Easements"	3 PDH's	CER-163
"Chesapeake Bay Preservation Act"	8 PDH's	CER-164
"Land Surveyor Exam Review Seminar"	8 PDH's	CER-165
"ALTA/ACSM Survey Requirements, along with Obligations of Land Owners and their Attorney"	3 PDH's	CER-166
"Riparian Rights"	3 PDH's	CER-167

CONTACT PERSON: Tim Hoelzle (804-262-0511)

R.B. (BEN) BUCKNER CER-168

"Determining Grid Azimuth Without Coordinate"	3.5 PDH's
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CONTACT PERSON: R.B. (Ben) Buckner (423-929-3215)

TAPS – MIDDLE CHAPTER CER-169

"Hiring and Firing"	2 PDH's
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CONTACT PERSON: James Overfelt (615-385-3310)

STRUCKMAN-THORPE ASSOCIATES

"Zoning and Land Use Law – Tennessee"	8 PDH's	CER-170
"Highway Route Surveying"	2 PDH's	CER-171
"Astronomic Observations"	2 PDH's	CER-172
"Dendrology (Video Tape)"	2 PDH's	CER-173

CONTACT PERSON: Jim Thorpe (931-670-0772)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS CER-174

"Title Searching and Examining" 3 PDH's

CONTACT PERSON: Lori Medley (615-383-8695)

DR. MARIAN M. CLARK CER-175

"Surveyors and the National Flood Insurance Program" 2 PDH's

CONTACT PERSON: Marian M. Clark (423-439-4467)

GLOBAL COGO, INC. CER-176

"Integrating GPS and Terrestrial Survey Data" 3.5 PDH's

CONTACT PERSON: Earl F. Burkholder (614-477-6261)

GRESHAM, SMITH AND PARTNERS CER-177

"Introduction to GPS" 2 PDH's

CONTACT PERSON: Cathy A. Lamberth (615-269-8332)

DR. BEN BUCKNER

"Resolving Conflicts of Evidence"	8 PDH's	CER-178
"Locating Historical Rights-of-Way"	8 PDH's	CER-179
"Fundamentals of Geodesy"	8 PDH's	CER-180
"Integrating GPS with Terrestrial Survey Data"	8 PDH's	CER-181

CONTACT PERSON: Dr. Ben Buckner (423-929-3215)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS CER-182
(In Conjunction with the Tennessee Land Surveyors Board)

"Land Surveyors Board Roundtable" 3 PDH's

CONTACT PERSON: Lori Medley (615-860-9311)

CED TECHNICAL SERVICES**CER-183**

"Modern Survey Technology"

3 PDH's

CONTACT PERSON: Melton E. Denny

(205-556-3147)

CITY OF HENDERSONVILLE**CER-184**

"Erosion Control for Land Developers"

3 PDH's

CONTACT PERSON: Bobby G. Moore

(615-822-1016)

TAPS – SOUTHEAST CHAPTER**CER-185**

"Practical GPS"

2 PDH's

CONTACT PERSON: Bart Crattie

(423-629-7813)

EAST TENNESSEE STATE UNIVERSITY**CER-186**

"Mortgage Loan Surveys/Inspections"

6 PDH's

CONTACT PERSON: Deborah D. Hall

(423-439-4341)

TENNESSEE DEPARTMENT OF PERSONNEL**CER-187**

"Internet – Netscape"

7 PDH's

CONTACT PERSON: Don Douglas

(615-741-8418)

ENGINEERS AND SURVEYORS INSTITUTE**CER-188**

"APELSLA Regulations and Areas of Non-Conformance"

4 PDH's

CONTACT PERSON: Neal Callander

(703-207-0688)

SOUTHERN POLYTECHNIC STATE UNIVERSITY**CER-189**"Structural and Vegetative Design for Erosion and
Sedimentation Control"

14 PDH's

CONTACT PERSON: Marlo Nail

(770-528-7240)

DPIC COMPANIES**CER-190**

"Linking Loss Prevention and Practice Improvement"

4 PDH's

CONTACT PERSON: Kurt Allen

(1-800-227-4284)

SURVEYORS MODULE INTERNATIONAL**CER-191**

"Data Collectors"

6 PDH's

CONTACT PERSON: Becky Ragle

(1-800-234-0123 – Ext. 313)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"Computer Cartography and Map Design"

8 PDH's

CER-192

"Introduction to Statistics and Least Squares"

8 PDH's

CER-193

"History of Surveying"

4 PDH's

CER-194

"Controlling New Technology"

5 PDH's

CER-195

"Orthoophotography"

7.5 PDH's

CER-196

"GIS Planning and Implementation"

8 PDH's

CER-197

"Introduction to the UTM"

8 PDH's

CER-198

"Introduction to GPS"

4 PDH's

CER-199

"Improving Your Field Procedures"

4 PDH's

CER-200

CONTACT PERSON: Trish Milburn

(301-530-1619)

SOUTHEASTERN CONFERENCES INC.**CER-201**

"Surveying in the Floodplain"

8 PDH's

CONTACT PERSON: Robert N. Cummings

(615-791-9041)

VOLUNTEER STATE COMMUNITY COLLEGE**CER-202**

"Introduction to Microcomputers"

16 PDH's

CONTACT PERSON: Volunteer State Community
College

(615-450-8600)

MAPSYNC COMPANY**CER-203**

"Fundamentals of GIS"

8 PDH's

CONTACT PERSON: Timothy C. Poindexter

(606-224-8545)

NATIONAL BUSINESS INSTITUTE**CER-204**

"Boundary Law in Tennessee"

8 PDH's

CONTACT PERSON: Julie Gygi

(715-835-8525)

SURVEYORS MODULE INTERNATIONAL**CER-205**

"SMI Training Workshop"

16 PDH's

CONTACT PERSON: Becky Ragle

(1-800-234-0123 – Ext. 313)

ADVANCED DRAINAGE SYSTEMS**CER-206**

"Plastic Pipe Design and Applications Seminar" 3 PDH's

CONTACT PERSON: Eddie Johnson (615-790-1844)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"Introduction to GIS" 4 PDH's **CER-207**

"Continuously Operating Reference Stations" 4 PDH's **CER-208**

"Professional Liability for the Land Surveyor in Private Practice – Part 1: The Risks" 4 PDH's **CER-209**

"Preparation for NSPS Technician Certification Program and Fundamentals of Land Surveying Exam – Part 1 of 4" 4 PDH's **CER-210**

"Computer Cartography and Map Design – Part 1" 4 PDH's **CER-211**

"Professional Liability for the Land Surveyor Part 2: Dealing with the Risks" 4 PDH's **CER-212**

"Preparation for NSPS Technician Certification Program and Fundamentals of Land Surveying Exam – Part 2 of 4" 4 PDH's **CER-213**

"Computer Cartography and Map Design – Part 2" 4 PDH's **CER-214**

"GPS Derived Heights" 4 PDH's **CER-215**

"Geodesy Basics" 4 PDH's **CER-216**

"Introduction to GIS" 4 PDH's **CER-217**

"Preparation for NSPS Technician Certification Program and Fundamentals of Land Surveying Exam – Part 3 of 4" 4 PDH's **CER-218**

"Geospatial Positioning Accuracy Standards" 4 PDH's **CER-219**

"Contracting for Surveying Services" 4 PDH's **CER-220**

"Preparation for NSPS Technician Certification Program and Fundamentals of Land Surveying Exam – Part 4 of 4" 4 PDH's **CER-221**

"Integrating GPS, Satellite Digital Imagery and GIS" 4 PDH's **CER-222**

CONTACT PERSON: Trish Milburn (301-493-0200 – Ext. 108)

JOSEPH A. DONATO, JR.**CER-223**

"Map Filing Requirements" 4 PDH's

CONTACT PERSON: Joseph A. Donato, Jr. (908-238-9402)

CLASSICKLE INC.

"Dendrology" 8 PDH's **CER-224**

"Erosion Prevention and Sediment Control" 16 PDH's **CER-225**

CONTACT PERSON: Anthony J. Sickles (502-452-7441)

JOSEPH A. DONATO, JR.**CER-226**

"Preparation of FEMA Elevation Certificates" 2 PDH's

CONTACT PERSON: Joseph A. Donato, Jr. (908-238-9402)

NATIONAL BUSINESS INSTITUTE**CER-227**

"Land Use Planning and Eminent Domain in Tennessee" 6 PDH's

CONTACT PERSON: Julie Gygi (715-835-8525)

R.B. (BEN) BUCKNER

"Researching Land Records" 8 PDH's

CER-228

"The Surveyor in Court" 8 PDH's

CER-229

CONTACT PERSON: R.B. (Ben) Buckner (423-929-3215)

WILLIAMSON AND ASSOCIATES**CER-230**

"Introduction to ArcView 3.0 GIS" 13.5 PDH's

CONTACT PERSON: Stuart Williamson (601-467-6037)

TENNESSEE DEPARTMENT OF TRANSPORTATION

"Metric Roadside Design" 15 PDH's

CER-231

"Introduction to Highway Hydraulics" 30 PDH's

CER-232

CONTACT PERSON: Jim Zeigler (615-741-0809)

TAPS – UPPER CUMBERLAND CHAPTER**CER-233**

"The Tax Assessor and the County Tax Map System" 2 PDH's

CONTACT PERSON: Hardin Egerton (423-627-2749)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"Writing Technical Specifications" 4 PDH's

CER-234

"Practical Surveying Applications of the GPS" 4 PDH's

CER-235

CONTACT PERSON: Trish Milburn (240-632-9716 – Ext. 112)

SOUTHEASTERN CONFERENCES INC.**CER-236**

"Residential Planning and Design Workshop" 8 PDH's

CONTACT PERSON: Joe M. Cummings (615-591-0161)

EAST TENNESSEE STATE UNIVERSITY**CER-237**

"Creating and Surveying Property Boundaries and
Understanding the Application of Minimum Standards" 7 PDH's

CONTACT PERSON: Deborah Hall (423-439-4341)

HUB CITY BLUEPRINT AND SUPPLY INC.

"Basic AutoCad"	21 PDH's	CER-238
"Intermediate AutoCad"	21 PDH's	CER-239
"AutoCad Upgrade"	14 PDH's	CER-240
"3-D AutoCad"	14 PDH's	CER-241
"AutoCad Customization"	14 PDH's	CER-242
"AutoCad LT"	14 PDH's	CER-243

CONTACT PERSON: Susan Stewart (901-424-2583)

TAPS – MIDDLE CHAPTER (% IDE Associates Inc.)

"Davidson County Subdivision Process"	1 PDH	CER-244
"Photogrammetry Today and Tomorrow"	1 PDH	CER-245
"Fair Labor Standards"	1 PDH	CER-246
"Septic Systems"	1 PDH	CER-247

CONTACT PERSON: Jim Overfelt (615-371-0055)

PSMJ RESOURCES CER-248

"Project Manager's Bootcamp"	12 PDH's
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CONTACT PERSON: Susan Costa or (617-905-0055)
Peter Villandry

HALFMOON LLC. CER-249

"Tennessee Real Estate titles and Title Insurance"	6 PDH's
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CONTACT PERSON: Teresa Mondloch (715-835-6066)

DUNCAN-PARNELL INC. CER-250

"GPS Training"	16 PDH's
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CONTACT PERSON: Howard T. Dawson (423-579-4075)

NATIONAL BUSINESS INSTITUTE, INC. CER-251

"Land Use Law Update"	7 PDH's
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CONTACT PERSON: Jo Frenette (715-835-1405)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

"Copyright Protection – Just Whose Map is it Anyway?"	2 PDH's	CER-252
"Utilizing a Continuously Operating Reference Station (CORS) for GPS Operations"	3 PDH's	CER-253

CONTACT PERSON: Lori Medley (615-860-9311)

TENNESSEE DEPARTMENT OF TRANSPORTATION**CER-254**

"Wetlands: Recognition and Regulations"

4 PDH's

CONTACT PERSON: Patsy Mimms

(615-741-7734)

U.T. TRANSPORTATION CENTER**CER-255**

"Roadway Drainage Design"

6 PDH's

CONTACT PERSON: Zach Zacharia

(423-974-5255)

TENNESSEE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS

"Legal Descriptions"

3 PDH's

CER-256

"Targeting for Aerial Photography"

3 PDH's

CER-257

"Targeting for Aerial Photography"

2 PDH's

CER-258

"Report Writing"

3 PDH's

CER-259

"Land Information System"

2 PDH's

CER-260

"Standards of Practice"

2 PDH's

CER-261

"1997 ALTA/ACSM Requirements"

3 PDH's

CER-262

"Future Role of Surveyors in GIS"

3 PDH's

CER-263

"Board of Examiners Roundtable"

3 PDH's

CER-264

"Client Relations/Marketing"

3 PDH's

CER-265

CONTACT PERSON: Lori Medley

(615-830-9311)

THE AMERICAN CONGRESS ON SURVEYING AND MAPPING

"Geodesy Basics"

7.5 PDH's

CER-266

"Professionalism and Ethics in Surveying"

4 PDH's

CER-267"Fundamentals of Storm Water Management for
Surveyors: Part 1"

7 PDH's

CER-268

"Cad for Surveyors"

4 PDH's

CER-269

"Automated Topography – From Field to Finish"

6 PDH's

CER-270"Fundamentals of Storm Water Management for
Surveyors: Part 2"

7 PDH's

CER-271

"Preparation of Metes and Bounds Legal Descriptions"

7 PDH's

CER-272

"Surveying Applications of GPS"

4 PDH's

CER-273"Surveyor's Liability in the Light of Statutes, Case Law and
Professional Standards of Practice"

4 PDH's

CER-274

"Reenactment of Bell vs. Jones, An Actual Trial"

6 PDH's

CER-275

CONTACT PERSON: Trish Milburn

(240-632-9716 – Ext. 112)

TENNESSEE DEPARTMENT OF TRANSPORTATION**CER-276**

"TDOT Survey Manual Review Course"

7 PDH's

CONTACT PERSON: Jim Waters

(615-532-2799)

SOKKIA CORPORATION

"GPS Basics for Surveying and Mapping"	4 PDH's	CER-277
"GPS for GIS/Mapping"	4 PDH's	CER-278

CONTACT PERSON: John Bohlke (913-492-7495)
Andrew Plackner (913-492-7495)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS – SOUTHWEST CHAPTER

"Easements and Right-of-Ways"	1 PDH	CER-279
"Introduction to Terramodel, Plus III Software"	1 PDH	CER-280
"Corps of Engineers Regulation of Wetlands"	1 PDH	CER-281
"Safely Surveying in Confined Spaces and Hazardous Locations"	1 PDH	CER-282

CONTACT PERSON: Charles Arney (901-748-1811)

UNIVERSITY OF NORTH CAROLINA – CHARLOTTE, NC

"The Business of Science and Engineering"	7.5 PDH's	CER-283
"Total Quality Systems – Creative Problem Solving"	7.5 PDH's	CER-284
"Financial Investing Using Engineering Forecasting Methods"	4.0 PDH's	CER-285
"What an Engineering Supervisor Needs to Know About Employee Motivation"	7.5 PDH's	CER-286
"Introduction to the Internet with Netscape Navigator"	7.5 PDH's	CER-287

CONTACT PERSON: Robin Boggs (704-547-4450)

FOY SURVEY COMPANY**CER-288**

"Plotting Legal Descriptions"	6 PDH's
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CONTACT PERSON: Rodney W. Foy (931-879-9108)

EAST TENNESSEE STATE UNIVERSITY

"Professional Standards in Land Surveying Practice"	6 PDH's	CER-289
"Ethics in Practice"	6 PDH's	CER-290

CONTACT PERSON: Andrea Milligan (423-439-4341)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT**CER-291**

"Fundamentals of Real Property Boundary Law for Land Surveyors in Tennessee"	8 PDH's
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CONTACT PERSON: M. John Steensland, Jr. (334-794-8336 or 1-800-239-2770)

UT TRANSPORTATION CENTER**CER-292**

"Aashto Roadside Design Guide"	6 PDH's
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CONTACT PERSON: Zach Zacharia (423-974-5255)

JOHN GIBI**CER-293**

"How the Surveyor Would Show Soil Site on Survey" 1 PDH

CONTACT PERSON: John Gibi (615-754-6093)

TENNESSEE DEPARTMENT OF TRANSPORTATION**CER-294**

"Design and Operation of Workzone Traffic Control" 18 PDH's

CONTACT PERSON: Patsy Mimms (615-741-7734)

JAY T. MOORE, RLS #791**CER-295**

"Field Procedures for LHA Method of Solar Observations" 2 PDH's

CONTACT PERSON: Jay T. Moore (901-852-4545)

INNOVATIVE DYNAMICS INC.

"Fundamentals of GPS" 3 PDH's

"Precise GPS Surveying" 4 PDH's

"An Introduction to Photogrammetry" 3 PDH's

CER-296**CER-297****CER-298**

CONTACT PERSON: Mark E. Meade (606-296-2741)

MARSHALL H. (PETE) RAGAN**CER-299**

"Reducing Liability in the Practice of Boundary Surveying" 4 PDH's

CONTACT PERSON: Pete Ragan (615-244-6739)

CROW FRIEDMAN GROUP, LLC.**CER-300**

"Professional Liability Insurance and Claims Workshop" 4 PDH's

CONTACT PERSON: Donald Friedman (615-383-0072)

NEW MEXICO STATE UNIVERSITY**CER-301**

"Professionalism and Ethics for Surveyors" 15 PDH's

CONTACT PERSON: Teresa Nevarez (505-646-1638)

SURVEYORS HISTORICAL SOCIETY**CER-302**

"Surveyors Rendezvous" 10 PDH's

CONTACT PERSON: Roger Woodfill (812-537-2000)

HALFMOON, LLC.**CER-303**

"Tennessee Real Estate Titles and Title Insurance" 6 PDH's

CONTACT PERSON: Teresa Mondloch (715-835-5900)

SURVEYORS EDUCATIONAL SEMINARS**CER-304**

"Adverse Possession and Other Unwritten Rights" 8 PDH's

CONTACT PERSON: Dr. Ben Buckner (423-929-3215)

SURVEYORS EDUCATIONAL SEMINARS**CER-305**

"Principles of Locating Water Boundaries"

CONTACT PERSON: Dr. Ben Buckner (423-929-3215)

PELLISSIPPI STATE TECHNICAL COMMUNITY COLLEGE

"OSHA 40-Hour Hazardous Waste Operations and
Emergency Response Course – HAZWOPER" 40 PDH's

CER-306

"8-Hour HAZWOPER Refresher" 8 PDH's

CER-307

"8-Hour HAZWOPER Supervisor" 8 PDH's

CER-308

"8-Hour Confined Space" 8 PDH's

CER-309

CONTACT PERSON: John Blackburn (423-694-6663)

INNOVATIVE DYNAMICS, INC.

"Applications of CORS Data" 3 PDH's

CER-310

"A Practical Guide to Photo Control" 2 PDH's

CER-311

CONTACT PERSON: Mark E. Meade (606-296-2741)

TAPS – MID EAST CHAPTER

"Insects and the Surveyor" 1 PDH **CER-312**

"Photogrammetry Today and Tomorrow" 1.5 PDH's **CER-313**

"Library Resources for the Surveyor" 1 PDH **CER-314**

CONTACT PERSON: Ned D. Ferguson (423-689-6169)

EAST TENNESSEE STATE UNIVERSITY**CER-315**

"Professional Liability for the Land Surveyor in Private" 8 PDH's

CONTACT PERSON: Andrea Milligan (423-439-4341)

SOUTHERN MIDDLE TENNESSEE CHAPTER OF PROFESSIONAL SURVEYORS**CER-316**

"Tennessee Surveyors Forestry Workshop" 6 PDH's

CONTACT PERSON: Charles Bryan (931-684-9943)

INNOVATIVE DYNAMICS INC.**CER-317**

"Surveying Math and Spreadsheet Applications" 4 PDH's

CONTACT PERSON: Mark E. Meade (606-296-2741)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT

"Ethics for Architects, Engineers and Land Surveyors" 6 PDH's

CER-318

"The Engineer's, Architect's and Land Surveyor's Role
as an Expert Witness" 6 PDH's

CER-319

CONTACT PERSON: M. John Steensland (1-800-239-2770)

SOUTHEASTERN CONFERENCES INC.**CER-320**

"Land Title Surveying" 8 PDH's

CONTACT PERSON: Joe M. Cummings (615-254-9044)

ADVANCE SURVEY EQUIPMENT**CER-321**

"More Efficient Surveying Using Robotics and GPS" 7 PDH's

CONTACT PERSON: David Swanger (615-242-3762)

NATIONAL BUSINESS INSTITUTE**CER-322**

"Land Use Planning and Eminent Domain in Tennessee" 7 PDH's

CONTACT PERSON: Jo Frenette (715-835-1405)

TAPS – SOUTHWEST CHAPTER

"Zoning Regulation Changes in Shelby County, TN" 1 PDH

CER-323

"Realty-Eyes Software" 1 PDH

CER-324

CONTACT PERSON: Charles W. Arney (901-748-1811)

ANDERSON-DELK & ASSOCIATES INC.**CER-325**

"Auburn University Videotapes (see below)" -

"Global Positioning System for Engineers and
Surveyors" 6 PDH's

"Modern Surveying Technology" 3 PDH's

"Geographic Information Systems for Surveyors,
and Municipal Managers"

(I) "Introduction to GIS" 3 PDH's

(II) "Designing and Implementing
a GIS" 3 PDH's

"Minimum Technical Standards for Land Surveyors"
(Alabama) 6 PDH's

"Construction Surveying" 3 PDH's

"Legal and Ethics" 15 PDH's

"Contracts for Engineers and Surveyors" 4 PDH's

"OSHA – The General Industry and Construction" 4 PDH's

Standards Interpreted for the Engineer and Surveyor"	
"Ethics and Professionalism"	3 PDH's
"Legal Issues for Construction"	3 PDH's

NORTHWEST TAPS CHAPTER

CER-326

"State of Tennessee Planning Requirements for the Land Surveyor"	1.5 PDH's
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CONTACT PERSON: Carl F. House, Jr. (901-285-6503)

PETTY & ASSOCIATES

"Obtaining Financing"	2 PDH's	<i>CER-327</i>
"Managing Cashflow"	2 PDH's	<i>CER-328</i>
"Hiring the Right Person for the Job"	2 PDH's	<i>CER-329</i>
"Implementing Total Quality Management"	2 PDH's	<i>CER-330</i>
"Highway Construction Stake-Out – A Specialized Market with Big Rewards"	2 PDH's	<i>CER-331</i>
"Retirement Planning for the Professional Surveyor"	2 PDH's	<i>CER-332</i>
"CAD, PVA Offices and the Internet – Faster Research and Better Plats"	2 PDH's	<i>CER-333</i>
"Staying Motivated About Your Job/Career – Building from the Inside Out"	2 PDH's	<i>CER-334</i>
"Mock Trial of a Boundary Dispute Case"	2 PDH's	<i>CER-335</i>
"Leadership Secrets"	2 PDH's	<i>CER-336</i>
"Habits of Effective People"	2 PDH's	<i>CER-337</i>
"Time Management"	2 PDH's	<i>CER-338</i>
"Survey Observations: Analysis, Adjustments and Positional Tolerance Criteria"	8 PDH's	<i>CER-339</i>
"1997 Revisions/Additions to ALTA/ACSM Land Title Surveying"	3 PDH's	<i>CER-340</i>
"Marketing/Client Relations"	3 PDH's	<i>CER-341</i>
"Listening So Others Will Hear"	2 PDH's	<i>CER-342</i>
"Business Entities – Which Should I Be? – Corporation? Partnership? Sole Proprietorship?"	2 PDH's	<i>CER-343</i>
"Using the Internet"	2 PDH's	<i>CER-344</i>
"Insurance: When is Enough Enough?"	2 PDH's	<i>CER-345</i>
"Surveying and Mapping in the Dark: The KARST"	2 PDH's	<i>CER-346</i>

CONTACT PERSON: Marsha Wyzykowski (502-842-0812)

INNOVATIVE DYNAMICS INC.

CER-347

"Concepts in Geodesy"	4 PDH's
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CONTACT PERSON: Mark E. Meade (606-296-2741)

NATIONAL BUSINESS INSTITUTE

CER-348

"Road and Access Law in Tennessee: How to Research and Resolve Access Disputes"	7 PDH's
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CONTACT PERSON: Julie K. Gygi (715-835-8525)

**TENNESSEE DEPARTMENT OF TRANSPORTATION
AND LEICA GEOSYSTEMS, Inc.**

CER-349

"Leica Surveying with GPS: A Practical Course"

28 PDH's

CONTACT PERSON: Jim Waters

(615-532-3135)

TENNESSEE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS

"Definition of Subdivision in Tennessee"	2 PDH's	CER-350
"Role of the Surveyor in the Subdivision Process"	2 PDH's	CER-351
"Physical Factors Affecting the Subdivision of Land"	2 PDH's	CER-352
"Configuration for Roads and Lots in a Subdivision"	1 PDH	CER-353
"Regulations for Wetlands and Streams in Subdivisions"	2 PDH's	CER-354
"Regulations for Subdivisions in a Floodplain"	1 PDH	CER-355
"The Approvals Process for Subdivisions"	1 PDH	CER-356
"Panel and Audience Discussion on Tennessee Standards of Practice – Part II"	4 PDH's	CER-357

CONTACT PERSON: Lori Medley

(615-860-9311)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

CER-358

a.	"Water Boundaries for Surveyors"	7.5 PDH's
b.	"Development, Implementation and Future NSRS"	7.5 PDH's
c.	"Hydrographic Surveying"	7.5 PDH's
d.	"ALTA/ACSM Land Title Surveys and Positional Tolerance"	7.5 PDH's
e.	"Writing Legal Descriptions"	7.5 PDH's
f.	"Local Corners and Recognition of Bona Fide Rights in the Public Land States"	4 PDH's
g.	"Critical Path Scheduling"	4 PDH's
h.	"Building a Career in the Geosciences"	4 PDH's
i.	"The Internet for Surveyors"	4 PDH's
j.	"Modern Surveying Practice in the Courtroom and Appearing as and Expert Witness"	4 PDH's
k.	"FEMA – Flood Insurance Mapping Issues"	4 PDH's
l.	"Surveying Errors and Their Analysis"	4 PDH's
m.	"Adjustment of Surveying Errors by Least Squares"	4 PDH's
n.	"Creating a Lasting Survey Business"	1.5 PDH's
o.	"Fortifying Your Staff the Smart Way"	1.5 PDH's
p.	"How to Get Clients and Keep Them"	1.5 PDH's
q.	"The Smooth and Profitable Exit"	1.5 PDH's

CONTACT PERSON: Trish Milburn

(240-632-9716 – Ext. 112)

STRUCKMAN-THORPE ASSOCIATES

"Public Record Research"	4 PDH's	CER-359
"Survey Reports"	4 PDH's	CER-360

CONTACT PERSON: James E. Thorpe

(931-670-0772)

INNOVATIVE DYNAMICS**CER-361**

"Professional Ethics"

4 PDH's

CONTACT PERSON: Mark Meade

(606-296-2741)

JOSEPH A. DONATO, JR.

"Preparation of FEMA Elevation Certificates"

2 PDH's

CER-362"Title Blocks and Seals for Professional Engineers and
Land Surveyors"

2 PDH's

CER-128-99

"Organizing/Scheduling Property Survey Requests"

2 PDH's

CER-363

"NJ Map Filing Law and the Professional Land Surveyor"

2 PDH's

CER-364

"ALTA/ACSM Land Title Survey Standards"

2 PDH's

CER-365"The NJ Land Surveyor and ALTA/ACSM Land Title Survey
Standards"

2 PDH's

CER-133-99The Professional Land Surveyor and the Division of
Responsibility in Submission of the Site Plans and
Subdivision Plats"

2 PDH's

CER-137-99

CONTACT PERSON: Joseph A. Donato, Jr.

(732-238-9402)

EAST TENNESSEE STATE UNIVERSITY**CER-366**

"Technical Problem Solving"

6 PDH's

CONTACT PERSON: Andrea Milligan

(423-439-8081)

NORTH CAROLINA SOCIETY OF SURVEYORS INC.

"Subdivision Street Design"

7.5 PDH's

CER-367

"Rights-of-Way and Eminent Domain"

7.5 PDH's

CER-368

"Construction Surveying Proposing and Contracting"

7.5 PDH's

CER-369

"GS 47-30/Board Rules/Control Corners"

7.5 PDH's

CER-370

"Retracing Compass Surveys"

7.5 PDH's

CER-371

"Tree Identification"

7.5 PDH's

CER-372

"Staff Development – Level II"

7.5 PDH's

CER-373

CONTACT PERSON: Darline H. Johnson

(919-833-9808)

JAMES & ASSOCIATES INC.**CER-374**"Essential Microstation" (4-day Program – Spring and
Fall – 1999)

32 PDH's

CONTACT PERSON: Laura Scruggs

(615-726-4848)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT**CER-375**

"Standard of Practice for Land Surveyors"

4 PDH's

CONTACT PERSON: M. John Steensland, Jr.

(1-800-239-2770)

SURVEYORS HISTORICAL SOCIETY**CER-376**

"1999 Surveyors Rendezvous – The Fairfax Line
Retracement – Luray, VA"

10 PDH's

CONTACT PERSON: Rodger Woodfill

(812-537-2000)

SURVEYORS EDUCATIONAL SEMINARS

"Overcoming Problems in Researching Land Records"
"Dealing with Evidence in Land Surveying"

8 PDH's

CER-377

8 PDH's

CER-378

CONTACT PERSON: Dr. Ben Buckner

(423-929-3215)

INNOVATIVE DYNAMICS**CER-379**

"State Plane Coordinates"

4 PDH's

CONTACT PERSON: Mark E. Meade

(606-296-2741)

SURVEYORS MODULE INTERNATIONAL LLC.**CER-380**

"SMI Training Workshop"

8 PDH's

CONTACT PERSON: Becky Ragle

(800-234-0123 – Ext. 313)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"Bureau of Land Management Workshop"
"Getting Into GIS Without Going Broke"
"Legal Research Basics for Land Surveyors"
"The Surveyor's Role in Multipurpose GIS"
"Practical Least Squares Adjustment for Surveying
Measurement"
"Practical Application and Equipment for Land
Measurement Professionals"

13 PDH's

CER-381

4 PDH's

CER-382

3 PDH's

CER-383

3 PDH's

CER-384

4 PDH's

CER-385

7 PDH's

CER-386

CONTACT PERSON: Trish Milburn

(240-632-9716 – Ext. 112)

SOUTHEAST COMMUNITY COLLEGE**CER-387**

"The Surveyor's Duties to Unwritten Rights of Land
Ownership and Retracement Surveys of
Simultaneous Conveyances"

8 PDH's

CONTACT PERSON: Tom Stapleton

(606-242-2145 – Ext. 2049)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS (TAPS)

"Board of Examiners for Land Surveyors Round Table"
"School for the Land Surveyor Re-Enactment"
"Surveying in Forestry – Best Management Practices"
"Techniques of Tree Identification"

1 PDH

CER-388

4 PDH's

CER-389

2 PDH's

CER-390

2 PDH's

CER-391

CONTACT PERSON: Lori Medley

(615-860-9311)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT**CER-392**

"The Liability Environment for Architects, Engineers and
Land Surveyors" 6 PDH's

CONTACT PERSON: John Steensland (1-800-239-2770)

KENTUCKY ASSOCIATION OF PROFESSIONAL SURVEYORS (KAPS)

"Monuments, Line of Possession, Analysis and Reporting"	6 PDH's	CER-393
"Principles and Procedures for Boundary Retracement"	8 PDH's	CER-394
"Alternate Dispute Resolution"	6 PDH's	CER-395
"Total Station Field Collimation and Accuracy Tips"	2 PDH's	CER-396

CONTACT PERSON: Betty Gray (502-695-2349)

**DPIC COMPANIES – CROW-FRIEDMAN GROUP, LLC.
(Correspondence Courses)**

"Lessons in Professional Liability"	4 PDH's	CER-397
"Contract Review and Revision"	4 PDH's	CER-398
"Mediation in the Construction Industry"	5 PDH's	CER-399
"Loss Prevention Improvement Project"	6 PDH's	CER-400

CONTACT PERSON: Donald A. Friedman (615-383-0072)

CITY ENGINEERING DEPARTMENT – KNOXVILLE, TN**CER-401**

"Plat Review – Engineering Department Workshop" 5 PDH's

CONTACT PERSON: Floyd R. Smith (865-215-2142)

TAPS – ANNUAL MEETING AND TRADE SHOW

"Behavior Styles – How You Relate to Others"	4 PDH's	CER-402-00
"Clients Can Be Animals"	4 PDH's	CER-403-00
"Land Surveying and Tennessee Law"	3 PDH's	CER-404-00
"Insurance and Liability Issues for the Surveyor"	4 PDH's	CER-405-00

CONTACT PERSON: Jimmy Horton (615-383-8695)

AMERICAN CONGRESS ON SURVEYING AND MAPPING**CER-406-00**

a. "Easements and Unwritten Rights"	4 PDH's
b. "Boundary Retracement Principles & Procedures"	7.5 PDH's
c. "Photogrammetry, GIS and the Professional Land Surveyor"	4 PDH's
d. "Transferring Rights in Real Property"	4 PDH's
e. "Surveying Management and Liability"	7.5 PDH's
f. "Coordinate Transformation and Their Application in SPCS and Boundary Surveying"	4 PDH's
g. "From CAD to GIS"	4 PDH's
h. "Mapping and GIS with GPS"	7.5 PDH's
i. "ALTA/ACSM Land Title Surveys – Advanced Topics"	7.5 PDH's

j.	"Professionalism and Ethics in Surveying"	4 PDH's
k.	"Overview of Map Projections Used by Surveyors"	4 PDH's
l.	"Writing Land Survey Descriptions"	4 PDH's
m.	"Documentation: Self Defense for Professional Surveyors"	4 PDH's
n.	"Introduction to Modern Geodesy"	7.5 PDH's
o.	"Practical Surveying with GPS"	7.5 PDH's
p.	"Developing an Accurate GIS/LIS"	7.5 PDH's
q.	"Positioning the Survey Firm for Success in the 21 st Century"	4 PDH's
r.	"Real Property Law and Property Research"	7.5 PDH's
s.	"Liability Issues and ALTA Surveys"	4 PDH's
t.	"Surveying and Mapping Techniques for GIS Professionals"	4 PDH's
u.	"Ownership vs. Possession: Distinctions Between Land Title and Land Use"	4 PDH's
v.	"GPS – Derived Heights – Part II"	4 PDH's

CONTACT PERSON: Trish Milburn (240-632-9716 – Ext. 112)

JIM THORPE ASSOCIATES

"Magnetic Declination"	2 PDH's	CER-407-00
"Tennessee Surveyors Districts"	2 PDH's	CER-408-00
"Construction Staking"	6 PDH's	CER-409-00

CONTACT PERSON: Jim Thorpe (931-670-0772)

NATIONAL BUSINESS INSTITUTE

CER-410-00

"Road and Access Law in Tennessee: How to Research and Resolve Access Disputes"	7 PDH's
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CONTACT PERSON: Jo Frenette (715-835-8525)

JIM THORPE ASSOCIATES

"NFIP and the Land Surveyor"	6 PDH's	CER-411-00
"Basic Hydrology"	2 PDH's	CER-412-00

CONTACT PERSON: James E. Thorpe (931-670-0772)

CROW-FRIEDMAN GROUP/DPIC

CER-413-00

"Professional Liability Issues"	4 PDH's
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CONTACT PERSON: Donald A. Friedman (615-383-0072)

GLOBAL POSITIONING SOLUTIONS AND GPS TRAINING, LLC.*

***The PDH's credited to the courses below are dependent upon how long individuals/classes take to complete the requirements.**

"Real Time Surveying with GPS"	24-32 PDH's	CER-414-00
"Geodetic Control Surveying & Network Adjustments with GPS"	24-40 PDH's	CER-415-00
"GPS Mapping for GIS Management"	8-40 PDH's	CER-416-00

"Applying GPS to the Surveying Profession"	8 PDH's	CER-417-00
"Geodetic Control Surveys with GPS"	8 PDH's	CER-418-00
"Network Adjustments with Trimble Geomatics Office"	8 PDH's	CER-419-00
"Real Time Surveying with GPS"	8 PDH's	CER-420-00

CONTACT PERSON: Melissa J. Hill (281-397-6477)

LORMAN EDUCATION SERVICES **CER-421-00**

"Tennessee Zoning and Land Use" 7 PDH's

CONTACT PERSON: Kari J. Campbell (715-833-3940)

COLUMBIA REAL ESTATE INSTITUTE, LLC.

"Land Use Law"	4 PDH's	CER-422-00
"Real Estate Law"	4 PDH's	CER-423-00
"Mortgage Finance Concepts"	4 PDH's	CER-424-00
"Basic Appraisal Concepts"	4 PDH's	CER-425-00
"Better Contracts for Better Closings"	4 PDH's	CER-426-00

CONTACT PERSON: Randy Hardison (931-381-4053 or 931-381-4072)

SURVEYORS EDUCATION SEMINARS – CARBEN SURVEYING BOOKS **CER-427-00**

"Trees and Wood as Evidence" 8 PDH's

CONTACT PERSON: Dr. Ben Buckner (423-929-3215)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS (TAPS) **CER-428-00**
Professionalism and Ethics in Surveying A-J

a.	"Chapter 1 – Professionalism"	1 PDH
b.	"Chapter 2 – Surveying as a Profession"	1 PDH
c.	"Chapter 3 – Ethics"	1 PDH
d.	"Chapter 4 – Codes of Professional Conduct – Part 1"	1 PDH
e.	"Chapter 4 – Compensation – Part 2"	2 PDH's
f.	"Chapter 4 – Knowledge Resolution Service Trepidation"	2 PDH's
g.	"Chapter 5 – Using Ethics in Practical Situations"	1 PDH
h.	"Chapter 6 – Case Problems – Parts 1-8"	2 PDH's
i.	"Case Studies – Part 1"	2 PDH's
j.	"Case Studies – Part 2"	2 PDH's

CONTACT PERSON: Lori Medley (615-860-9311)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS **CER-429-00**
(Video presentation provided by New Mexico State University – made available to Tennessee Chapters of TAPS)

"The Lawyer, the Land Surveyor and the Real Estate Transaction" 4 PDH's

CONTACT PERSON: Lori Medley or Allen Crawford, TAPS Tech Chairman (615-860-9311)

SURVEYORS HISTORICAL SOCIETY**CER-430-00**

"Year 2000 Surveyors Rendezvous"

10 PDH's

CONTACT PERSON: Rodger Woodfill

(812-537-2000)

HUB CITY BLUEPRINT AND SUPPLY COMPANY**CER-431-00**

"Land Development – Desktop Introduction"

4 PDH's

CONTACT PERSON:

REDVECTOR.COM

"Personnel Issues: EEO, Sexual Harassment and Other Issues"

2 PDH's

CER-432-00

"General Project Management – Part 1"

2 PDH's

CER-433-00

"General Project Management – Part 2"

3 PDH's

CER-434-00

"Communication and Leadership"

4 PDH's

CER-435-00

"Communication for Managers and Supervisors"

2 PDH's

CER-436-00

"Understanding the Americans with Disabilities Act"

2 PDH's

CER-437-00

CONTACT PERSON: Scott Slomcenski

(813-207-0012)

STEENSLAND CENTER FOR PROFESSIONAL DEVELOPMENT

"Ethics for Architects, Engineers and Land Surveyors"

8 PDH's

CER-438-00

"Contracts for Design Professionals: Basics and Beyond"

8 PDH's

CER-439-00

CONTACT PERSON: M. John Steensland, Jr.

(800-239-2770)

SOFT-ART**CER-440-00**

"Introduction to PC Survey"

8 PDH's

CONTACT PERSON: Anneli Motter

(615-826-8095)

DYERSBURG STATE COMMUNITY COLLEGE**CER-441-00**

"Geographic Information Systems Workshop"

7 PDH's

CONTACT PERSON:

AMERICAN CONGRESS ON SURVEYING AND MAPPING**CER-442-00**

a. "Satellite Resources for Programmatic Uses"

4 PDH's

b. "Introduction to GPS"

7.5 PDH's

c. "Preparing for ASPRS Certification"

7.5 PDH's

d. "Riparian Boundaries"

7.5 PDH's

e. "Softcopy Photogrammetric Production – The Concepts and the Technology"

4 PDH's

f. "Advanced Land Surveying Boundary Research"

4 PDH's

g. "Through the Maze: A GIS User's Guide to Remotely Sensed Data"

4 PDH's

h. "Solutions to Your Most Costly Problems: Hire,

4 PDH's

	Manage and Develop Top Performing People"	
i.	"Local Government GIS and the Role of the Surveyor"	4 PDH's
j.	"Orthophotos: Principles and Pitfalls"	4 PDH's
k.	"Implementing GIS Technology"	7.5 PDH's
l.	"Geodesy, Photogrammetric Mapping and the Global Spatial Data Model (GSDM)"	4 PDH's
m.	"Utilization/Integration of Lidar Mapping and GIS Programs"	4 PDH's
n.	"GIS Conversion Fundamentals"	4 PDH's
o.	"Forming a Solid Foundation: Thinking Beyond Technology"	4 PDH's
p.	"The Economics and Cost Recovery of Softcopy Photogrammetric Production"	4 PDH's
q.	"Managing a GIS"	4 PDH's
r.	"Investigations and Techniques for Vegetation Identification and Classification Using Lidar Data"	4 PDH's
s.	"Airborne GPS Controlled Aerial Triangulation - Theory and Practical Concepts"	4 PDH's
t.	"Surveying and Mapping Techniques for GIS Professionals"	4 PDH's

CONTACT PERSON: Trish Milburn

(240-632-9716 – Ext. 112)

EARL DUDLEY & ASSOCIATES

CER-443-00

"Basic GPS and Geology Theory/Robotic Technology in Surveying"	5 PDH's
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CONTACT PERSON: John Bond

(615-885-1274)

LAND SURVEYORS WORKSHOPS

CER-444-00

"Math Applications"	16 PDH's
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CONTACT PERSON: Mary Khayat

(828-765-1717)

CROW-FRIEDMAN/DPIC COMPANIES

CER-445-00

"Easy Going Land Surveyors Case Study"	2 PDH's
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CONTACT PERSON: Kathy Hyland

(615-383-0072)

LAND SURVEYORS WORKSHOPS

CER-446-01

"A Few Significant Subjects for Surveyors"	16 PDH's
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CONTACT PERSON: Mary Khayat

(828-765-1717)

CROW-FRIEDMAN/DPIC COMPANIES

CER-447-01

"Contract Review and Revision II – Advanced Topics"	5 PDH's
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CONTACT PERSON: Kathy Hyland

(615-383-0072)

PROFESSIONAL DEVELOPMENT SEMINARS

"GIS for Surveyors"	7.5 PDH's	CER-448-01
"Starting and Operating a Survey Business"	7.5 PDH's	CER-449-01
"CPS Projects"	7.5 PDH's	CER-450-01

CONTACT PERSON: Maureen Smith (800-774-4687)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

"Ethical Consideration for the Professional Land Surveyor: Do the Right Thing"	4 PDH's	CER-451-01
"Monuments, Lines of Possession, Analysis and Reporting"	3 PDH's	CER-452-01
"Writing Property Descriptions – Advanced"	4 PDH's	CER-453-01
"The Elevation Certificate: Local vs. Federal Requirements"	4 PDH's	CER-454-01

CONTACT PERSON: Lori Medley (615-383-8695)

NORTH CAROLINA SOCIETY OF SURVEYORS

"Boundary Retracement"	30 PDH's	CER-455-01
"Land Development Surveying"	30 PDH's	CER-456-01
"Expanding Horizons"	30 PDH's	CER-457-01
"Photogrammetry and Topography"	30 PDH's	CER-458-01

CONTACT PERSON: Darline H. Johnson (919-833-3325)

PROFESSIONAL DEVELOPMENT SEMINARS

CER-459-01

"Boundary Surveys"	7 PDH's
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CONTACT PERSON: Maureen Smith (800-774-4687)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

CER-460-01

a.	"Space Without Sprawl: Creating Better Neighborhoods Through New Design Technology"	4 PDH's
b.	"Public Land Surveys: History, Laws, Administration Equipment, Procedures"	7.5 PDH's
c.	"Subdivision of Sections and Fractional Sections"	7.5 PDH's
d.	"Area Relationships"	4 PDH's
e.	"Protests and Appeals"	4 PDH's
f.	"Unconventional Surveys"	4 PDH's
g.	"Why does the Manual Say That?"	7.5 PDH's
h.	"Developing an Accurate GIS/LIS: The National Spatial Reference System with Local Perspectives on GPS and GIS"	7.5 PDH's
i.	"Introduction to Modern Geodesy"	15 PDH's
j.	"Continuously Operating Reference Stations"	7.5 PDH's
k.	"Evaluation of Corner Evidence"	4 PDH's
l.	"Field Data Recorders"	7.5 PDH's
m.	"Difficulties in Cross-Jurisdictional Surveying Practice"	4 PDH's
n.	"Easements and the Right-of-Way Law"	7.5 PDH's
o.	"Following the Footsteps"	7.5 PDH's

p.	"GIS Technology Lab"	3 PDH's
q.	"Trees and Wood as Boundary Evidence"	7.5 PDH's
r.	"Photogrammetry for Land Surveyors"	4 PDH's
s.	"Business-to-Business Negotiations"	5 PDH's
t.	"Resolving and Unresolved Boundary"	4 PDH's
u.	"How Things Work"	4 PDH's
v.	"How to Make a Better Decision"	1 PDH
w.	"Leading a Motivated Work Team"	2 PDH's
x.	"Implementing GIS"	4 PDH'S

CONTACT PERSON: Trish Milburn

(240-632-9716 – Ext. 112)

JIM THORPE ASSOCIATES

"Effective Composition for Land Surveyors"	6 PDH's	<i>CER-461-01</i>
"Tennessee State Boundaries"	2 PDH's	<i>CER-462-01</i>
"Tennessee Subsurface Sewage Regulations"	6 PDH's	<i>CER-463-01</i>

CONTACT PERSON: Jim Thorpe

(931-670-0772)

GEOGRAPHIC INFORMATION SYSTEMS

CER-464-01

"Photogrammetric Mapping"	8 PDH's
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CONTACT PERSON: Keith Houseman

(1-800-522-0139)

NORTH CAROLINA SOCIETY OF SURVEYORS

CER-465-01

"New Technologies Workshop"	30 PDH's
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CONTACT PERSON: Darline H. Johnson

(919-833-9808)

TENNESSEE TRANSPORTATION ASSISTANCE PROGRAM (TTAP)

CER-466-01

"Advanced Roadway Surveying"	12 PDH's
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CONTACT PERSON: Zach Zacharia

(865-974-5255)

GEOGRAPHIC INFORMATION SYSTEMS

"Tennessee Land Surveyors Laws and Regulations"	8 PDH's	<i>CER-467-01</i>
"GIS Terminology"	8 PDH's	<i>CER-468-01</i>
"NAVSTAR Global Positioning System Surveying"	8 PDH's	<i>CER-469-01</i>
"Survey Markers and Monumentations"	8 PDH's	<i>CER-470-01</i>
"Deformation Monitoring and Control Surveying"	8 PDH's	<i>CER-471-01</i>

CONTACT PERSON: Keith Houseman

(1-800-522-0139)

TAPS – SOUTHWEST CHAPTER

CER-472-01

"Boy Scout Merit Badge College"	4 PDH's
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CONTACT PERSON: Jay Caughman

(901-261-4710)

SITECOMP, INC.**CER-473-01**

"CDIS Software Technology for the Surveying Industry" 4 PDH's

CONTACT PERSON: Char Torkelson (763-595-0070)

THOMAS STRONG

"Contracts for Professionals"	1 PDH	CER-474-01
"Copyright Protection for Professionals"	1 PDH	CER-475-01
"Easements for Land Surveyors"	1 PDH	CER-476-01
"Motivating Employees"	2 PDH's	CER-477-01
"Water Boundaries and the Land Surveyor"	1 PDH	CER-478-01

CONTACT PERSON: Thomas Strong (908-526-2121)

TAPS – SOUTHEAST CHAPTER**CER-479-01**

"Removing a Property from a Special Flood Hazard Zone" 1 PDH

CONTACT PERSON: David R.F. Young (423-899-4379)

NATIONAL BUSINESS INSTITUTE**CER-480-01**

"Tennessee Land Use: Current Issues in Subdivision
Annexation and Zoning Law" 7 PDH's

CONTACT PERSON: Jo Frenette (715-835-8525)

REDVECTOR.COM

"Copyright Protection for Professionals"	1 PDH	CER-481-01
"Contracts for Professionals"	1 PDH	CER-482-01
"Easements and the Land Surveyor"	1 PDH	CER-483-01
"Ethics for Surveyors and Mappers"	1 PDH	CER-484-01
"General Property Surveys and Real Property Law"	4 PDH's	CER-485-01
"Motivating Employees"	2 PDH's	CER-486-01
"The Surveyor as an Expert Witness"	1 PDH	CER-487-01
"Water Boundaries and the Land Surveyor"	1 PDH	CER-488-01

CONTACT PERSON: Victoria Zambito (813-207-0012)

LAND SURVEYORS WORKSHOPS

"GPS for Land Surveyors"	8 PDH's	CER-489-01
"GPS for GIS"	8 PDH's	CER-490-01

CONTACT PERSON: Mary Khayat (1-800-533-4387)

PROFESSIONAL DEVELOPMENT SEMINARS**CER-491-01**

"Land Planning for Land Surveyors" 7.5 PDH's

CONTACT PERSON: Maureen Smith (800-774-4687)

TAPS – WEST TENNESSEE CHAPTER**CER-492-01****“Professionalism and Ethics in Surveying”**

Part I. Chapter 1 – Professionalism (Tape 1)	5 PDH's
Chapter 2 – Surveying as a Profession (Tape 2)	
Part II. Chapter 3 – Ethics (Tape 3)	5 PDH's
Chapter 4a – Codes of Professional Conduct (Tape 3)	
Part III. Chapter 4b – Compensation (Tape 5)	5 PDH's
Chapter 4c – Knowledge, Resolution, Service, Trepidation (Tape 6)	
Part IV. Chapter 5 – Using Ethics in Practical Situations (Tape 7)	5 PDH's
Chapter 6 – Case Problems (Parts 1-8) (Tape 8)	
Part V. Case Studies – Part 1 (Tape 9)	5 PDH's
Case Studies – Part 2 (Tape 10)	

CONTACT PERSON: J. Brantley Morris III

GEOGRAPHIC INFORMATION SYSTEMS

“Introduction to Remote Sensing”	8 PDH's	CER-493-01
“Image Interpretation and Analysis”	8 PDH's	CER-494-01
“Remote Sensing Applications”	8 PDH's	CER-495-01
“Remote Sensing Terminology”	8 PDH's	CER-496-01

CONTACT PERSON: Keith Houseman (1-800-522-0139)

HAESTAD METHODS**CER-497-01**

“Detention Pond Design and Modeling”	24 PDH's
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CONTACT PERSON: Nicole Beckom (1-800-727-655?)

COLUMBIA REAL ESTATE INSTITUTE**CER-498-01**

“Tax Deferred Exchanges”	4 PDH's
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CONTACT PERSON: Randy Hardison (931-381-4053)

SURVEYORS EDUCATIONAL SEMINARS

“Following the Footsteps”	8 PDH's	CER-499-01
“Court Case You Should Know About”	8 PDH's	CER-500-01

CONTACT PERSON: Dr. Ben Buckner (423-929-3219)

IPLSA – LITTLE EGYPTIAN CHAPTER**CER-501-01**

“Antique Survey Equipment/Buying or Selling a Business”	6 PDH's
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CONTACT PERSON: Jana Groh (618-658-6065)

LORMAN BUSINESS CENTER INC.

"Writing the Employee Handbook in Tennessee"
"Construction Claims in Tennessee"

6.5 PDH's
8 PDH's

CER-502-01
CER-503-01

CONTACT PERSON: Kari Campbell

(715-833-3940)

PROFESSIONAL DEVELOPMENT SEMINARS

CER-504-01

"Surveying Ethics"

7.5 PDH's

CONTACT PERSON: Maureen Smith

(800-774-4687)

LAND SURVEYORS WORKSHOPS

"Erosion Control for Land Surveyors"
"NFIP (FEMA) for Land Surveyors"

8 PDH's
8 PDH's

CER-505-01
CER-506-01

CONTACT PERSON: Mary Khayat

(1-800-533-4387)

SOUTHEAST COMMUNITY COLLEGE

CER-507-01

"Written Communications for Technical Professionals"

8 PDH's

CONTACT PERSON: Tom Stapleton

(606-242-2145, Ext. 2049)

KNOXVILLE METROPOLITAN PLANNING COMMISSION

CER-508-01

"Minimum Subdivision Regulations"

2 PDH's

CONTACT PERSON: Ewing M. Johnson

(865-215-2500)

PROFESSIONAL DEVELOPMENT SEMINARS

CER-509-01

"Legal Descriptions"

6 PDH's

CONTACT PERSON: Maureen Smith

(800-774-4687)

CROWE-FRIEDMAN GROUP

"Risk Drivers"
"Contract Review Workshop I"

4 PDH's
4 PDH's

CER-510-01
CER-511-01

CONTACT PERSON: Kathy Hyland

(615-383-0072)

EARL DUDLEY & ASSOCIATES

CER-512-01

"Practical Training on GPS Surveying"

18 PDH's

CONTACT PERSON: John E. Dudley

(615-885-1274)

TENNESSEE ASSOCIATION OF PROFESSIONAL LAND SURVEYORS

"It Was and It's Still the Law"	4 PDH's	CER-513-01
"Coping With and Understanding Land and Boundary Disputes"	7 PDH's	CER-514-01
"National Geodetic Survey: TDOT and the Local Surveyor"	1 PDH	CER-515-01
"ALTA/ACSM Land Title Surveys: The Surveyors Role as Professional/Educator and Coordinator"	3 PDH's	CER-516-01

CONTACT PERSON: Lori Medley (615-860-9311)

SMI**CER-517-02**

"SMI Plot Training"	8 PDH's
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CONTACT PERSON: Brandon Wampler (423-357-4814)

NATIONAL BUSINESS INSTITUTE**CER-518-02**

"Land Use Planning and Eminent Domain in Tennessee"	7 PDH's
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CONTACT PERSON: Jamie Larcheid (715-835-8525)

UT CENTER FOR TRANSPORTATION RESEARCH**CER-519-02**

"Basic Roadway Surveying"

CONTACT PERSON: Jean Spangler (865-974-5255)

GEOGRAPHIC INFORMATION SYSTEMS

"Direct Leveling"	8 PDH's	CER-520-02
"Construction Layout No. 1 – Vertical Curves"	8 PDH's	CER-521-02
"Field Astronomy"	8 PDH's	CER-522-02

CONTACT PERSON: Keith Houseman (800-522-0139)

JIM THORPE ASSOCIATES

"Pricing Your Services"	8 PDH's	CER-523-02
"Land Surveying Statutes & Case Law"	8 PDH's	CER-524-02

CONTACT PERSON: Jim Thorpe (931-670-0772)

GEOGRAPHIC INFORMATION SYSTEMS

"Minimum Standards Detail Requirements for ALTA/ACSM Land Title Surveys"	8 PDH's	CER-525-02
"FIG Surveying Model Code of Professional Conduct"	8 PDH's	CER-526-02

CONTACT PERSON: Keith Houseman (800-522-0139)

EARL DUDLEY ASSOCIATES**CER-527-02**

"Surveying Instrument Technologies"

6 PDH's

CONTACT PERSON: Bert Knupp/Mark Macy

(615-862-8742)

NATIONAL BUSINESS INSTITUTE**CER-528-02**"Practical Guide to Zoning and Land Use Law in
Tennessee"

7 PDH's

CONTACT PERSON: Peggy Fischer

(715-835-8525)

KNOXVILLE CITY ENGINEERING DEPARTMENT**CER-529-02**

"Plat Requirements"

4 PDH's

CONTACT PERSON: Floyd R. Smith

(865-215-2148)

NATIONAL BUSINESS INSTITUTE**CER-530-02**

"Land Use Law Update in Tennessee"

7 PDH's

CONTACT PERSON: Peggy Fisher

(715-835-8525 ext. 202)

SURVEYORS' EDUCATIONAL SEMINARS

"Wrestling with Rights-of-Way: Roads and Railroads"

8 PDH's

CER-531-02

"Retracing Lines of Original Grants and Titles"

8 PDH's

CER-532-02

CONTACT PERSON: R.B. (Ben) Buckner

(423-929-3215)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

"Survey Reports & Documentation"

2 PDH's

CER-533-02

"Record vs. Unrecorded Documents"

2 PDH's

CER-534-02

"A Survey of Tennessee Surveying Law"

4 PDH's

CER-535-02

"Retracement Survey A-Z with Example of Problems"

4 PDH's

CER-536-02

"Expert Witness"

3 PDH's

CER-537-02

CONTACT PERSON: Lori Medley

(615-860-9311)

ILLINOIS PROFESSIONAL LAND SURVEYORS – LITTLE EGYPTIAN CHAPTER**CER-538-02**"New Evidence & Procedures for Boundary
Location"

7 PDH's

CONTACT PERSON: Mitchell Garrett

(618-993-2412)

LAND SURVEYORS WORKSHOPS**CER-539-02**

"N.F.I.P. (FEMA) for Land Surveyors"

16 PDH's

CONTACT PERSON: Mary Khayat

(800-533-4387)

UNIVERSITY OF TENNESSEE CENTER**CER-540-02**

"Storm Water Drainage"

6 PDH's

CONTACT PERSON: Jean Spangler

(865-974-5255)

HOWARD DAWSON**CER-541-02**

"Dendrology"

8 PDH's

CONTACT PERSON: Howard Dawson

(865-579-4075)

REDVECTOR.COM INC.**CER-542-02**

A.	"Akin v. Godwin – A Dave Gibson Lot & Block Case"	2 PDH's
B.	"Barba v. Walker – A Dave Gibson Public Lands Related Case"	2 PDH's
C.	"Basic Concepts of Photogrammetry"	3 PDH's
D.	"Basic Erosion and Sediment Control"	6 PDH's
E.	"CPM Scheduling – Part I"	4 PDH's
F.	"CPM Scheduling – Part II"	4 PDH's
G.	"Dave Gibson's All Star Lot and Block Boundary Cases"	6 PDH's
H.	"Dave Gibson's All Star Metes and Bounds Boundary Cases"	6 PDH's
I.	"Easements: Part 1 – Basic Elements"	3 PDH's
J.	"Easements: Part 2 – Roads and Highways"	2 PDH's
K.	"Easements: Part 3 – Reversion Rights"	3 PDH's
L.	"Frost's Survey – A Dave Gibson Metes and Bounds Case"	2 PDH's
M.	"GIS – The Very Basics"	1 PDH
N.	"Giving a Deposition"	1 PDH
O.	"Global Positioning System (GPS) – A Tutorial"	3 PDH's
P.	"Henderson et al – A Dave Gibson Metes and Bounds Case"	2 PDH's
Q.	"Introduction to FEMA Flood Maps and Flood Studies"	3 PDH's
R.	"Introduction to Mineral Soils"	1 PDH
S.	"Lot 21 – A Dave Gibson Lot and Block Case"	2 PDH's
T.	"Managing Projects – The Money Side"	3 PDH's
U.	"Palm Court – A Dave Gibson Lot and Block Case"	2 PDH's
V.	"Palm Harbor – A Dave Gibson Lot and Block Case"	2 PDH's
W.	"Project Management"	8 PDH's
X.	"Rivers vs. Lozeau – A Dave Gibson Public Lands Related Case"	2 PDH's
Y.	"Sequential vs. Simultaneous Conveyancing"	4 PDH's
Z.	"Significant Figures and Round-Off Errors by Dr. Ben Buckner"	3 PDH's
AA.	"Simple 300x100 Parcel – A Dave Gibson Metes and Bounds Case"	2 PDH's
BB.	"Site Safety Risk and Liability"	2 PDH's
CC.	"Stefanic et al – A Dave Gibson Metes and Bounds Case"	2 PDH's

DD.	"The Theory of Measurements by Dr. Ben Buckner"	4 PDH's
EE.	"Understanding Subsurface Utility Engineering Land Surveyors"	4 PDH's

CONTACT PERSON: Victoria Zambito

(813-207-0012)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

CER-543-02

A.	"Adjustment of Surveying Errors by Least Squares"	4 PDH's
B.	"ALTA/ACSM Land Title Surveys – Advanced Topics"	7.5 PDH's
C.	"Bureau of Land Management – Cadastral Survey Workshop"	7.5 PDH's
D.	"Buying and Selling Surveying and Small Engineering Companies"	4 PDH's
E.	"Early Surveying Techniques and the Evolution of Surveying Equipment"	4 PDH's
F.	"CORONA Workshop"	4 PDH's
G.	"Easement Law for Surveyors"	4 PDH's
H.	"Ethics for the Professional Surveyor"	4 PDH's
I.	"Field Data Recorders"	7.5 PDH's
J.	"From CAD to GIS"	4 PDH's
K.	"Geodesy Basics"	7.5 PDH's
L.	"Getting into GIS Without Going Broke"	4 PDH's
M.	"GIS Technology Lab"	4 PDH's
N.	"GPS-Derived Heights Part 1: Development and Description of NGS Guidelines"	4 PDH's
O.	"GPS-Derived Heights Part 2: Planning and Evaluating a GPS Vertical Survey"	4 PDH's
P.	"How Things Work"	7.5 PDH's
Q.	"How to Teach the Boy Scouts Surveying Merit Badge"	4 PDH's
R.	"Hydrographic Surveying"	7.5 PDH's
S.	"Improving Your Field Procedures"	4 PDH's
T.	"Introduction to GPS"	7.5 PDH's
U.	"Introductions to Using CORS (Continuously Operating Reference Stations)"	4 PDH's
V.	"LIDAR and the North Carolina Floodplain Mapping (NCFPM) Program"	4 PDH's
W.	"Mapping and GIS with GPS"	6 PDH's
X.	"NSPS – ACSM Survey Technician Certification Program:"	2.5 PDH's
Y.	"Orthophotography"	4 PDH's
Z.	"Practical Surveying with GPS"	6.5 PDH's
AA.	"Risk Management Issues with ALTA Surveys and Contractual Obligations"	4 PDH's
BB.	"Surveying Errors and Their Analysis"	4 PDH's
CC.	"The Rules of Land Surveying"	4 PDH's
DD.	"The Surveyor's Role in Multipurpose GIS"	4 PDH's
EE.	"Tracking the Railroads"	4 PDH's

CONTACT PERSON: Trish Milburn

(240-632-9716 Ext. 105)

SURVEY PDU.COM

"Legal Descriptions"	6 PDH's	CER-544-02
"ALTA/ACSM Land Title Survey Minimum Requirements"	4 PDH's	CER-545-02
"Tennessee Minimum Standards of Practice for Land Surveyors"	4 PDH's	CER-546-02

CONTACT PERSON: Stephan Tufte (785-231-8090)

NATIONAL BUSINESS INSTITUTE**CER-547-02**

"Tennessee Land Use: Current Issues in Subdivision Annexation and Zoning Law"	7 PDH's
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CONTACT PERSON: Stephanie J. Graveen (715-835-8525)

PROFESSIONAL EDUCATION SYSTEMS INSTITUTE**CER-548-02**

"Tennessee Boundary Law and Adjoining Landowner Disputes"	6 PDH's
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CONTACT PERSON: Jaci Winsand (715-833-5296)

RHD Services Inc.**CER-549-03**

"Mapping Underground Utilities"	1.25 PDH's
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CONTACT PERSON: Lori Medley (615-860-9311)

VOID**CER-550-03****ACSM****CER-551-03**

A.	"Spatial Foundations of Geographic and Land Information Systems"	4 PDH's
B.	"Three Mile Method of Section Subdivision"	4 PDH's
C.	"Early Surveying Techniques and the Evolution of Surveying Equipment"	4 PDH's
D.	"Mapping and GIS with GPS"	6 PDH's
E.	"NSPS/ACSM Survey Technician Certification"	2.5 PDH's
F.	"Subdivision of Fractional Sections"	4 PDH's
G.	"Introduction to Using CORS"	4 PDH's
H.	"Bona Fide Rights"	4 PDH's
I.	"Professional Ethics for Surveyors"	4 PDH's
J.	"Inland Water Boundaries"	8 PDH's
K.	"Positioning the Survey Firm for Success in the 21 st Century"	7.5 PDH's
L.	"Implementing GIS"	4 PDH's
M.	"Getting into GIS Without Going Broke"	4 PDH's
N.	"Tracking the Railroads"	4 PDH's
O.	"GPS Derived Heights Part 1: Development and Description of NGS Guidelines"	4 PDH's
P.	"GPS Derived Heights Part 2: Planning and Evaluating a GPS Vertical Survey"	4 PDH's
Q.	"Area Relationships"	4 PDH's

R.	"Adjustments of Surveying Errors by Least Squares"	4 PDH's
S.	"How to Teach the Boy Scouts Surveying Merit Badge"	4 PDH's
T.	"Risk Management Issues with ALTA Surveys and Contractual Obligations"	4 PDH's
U.	"The Surveyors Role in Local Government and Multipurpose GIS"	4 PDH's
V.	"Cadastral GIS"	4 PDH's
W.	"ALTA/ACSM Title Surveys – Advanced Topics"	8 PDH's
X.	"CSI (Corner Site Investigations) Forensics of Surveying"	4 PDH's
Y.	"Metes and Bounds Retracement"	4 PDH's
Z.	"Basic GPS RTK Controller Workshop"	8 PDH's
AA.	"Retracement Evidence"	4 PDH's
BB.	"How Things Work"	4 PDH's
CC.	"Coordinate Transformation and Their Applications in SPCS and Boundary Surveying"	4 PDH's
DD.	"Hydrographis Surveying"	7.5 PDH's
EE.	"Practical Surveying with GPS"	8 PDH's
FF.	"Surveying and Mapping Techniques for GIS Professionals"	8 PDH's
GG.	"Photogrammetry for Land Surveyors"	4 PDH's
HH.	"Highways, Byways and Private Roads"	4 PDH's
II.	"Orthophotography"	4 PDH's
JJ.	"Clandestine Cartography: American Cartography and Earth Science Through the Keyhole of Reconnaissance Satellite Programs, for Corona to Gambit to Hexagon"	4 PDH's
KK.	"GPS Vector Processing and Concepts"	8 PDH's

HALFMOON LLC.

CER-552-03

"Practical Real Estate Title Skills" 7 PDH's

CONTACT PERSON: Doug Chapman (715-835-5900)

LES SEMINARS

CER-553-03

"George Washington, Colonial Surveyor" 7.5 PDH's

CONTACT PERSON: Catherine Sears (910-695-0727)

KNOXVILLE ENGINEERING DEPARTMENT

CER-554-03

"Site Development and the Land Surveyor" 6 PDH's

CONTACT PERSON: Floyd R. Smith (865-215-2148)

ADVANCED DRAINAGE SYSTEMS INC.

CER-555-03

"Storm Water Design Seminar" 4 PDH's

CONTACT PERSON: Howard McGowen (615-790-1844)

GEOGRAPHIC INFORMATION SYSTEMS

"Land Surveying Safety Manual"	8 PDH's	CER-556-03
"TN DOT General Survey Procedures for Highway Projects"	8 PDH's	CER-557-03
"Project Control, Coordinate Systems and Datums for Flood Control Projects"	8 PDH's	CER-558-03
"Positioning Techniques for Offshore Engineering Surveys"	8 PDH's	CER-559-03
"Single Beam Acoustic Depth Measurement Techniques"	8 PDH's	CER-560-03
"Acoustic Multibeam Survey Systems for Deep-Draft Navigation Projects"	8 PDH's	CER-561-03
"Construction Layout No. 2 – Horizontal Curves"	8 PDH's	CER-562-03
"Construction Layout No. 3 – Spiral Curves"	8 PDH's	CER-563-03
"Hydrographic Surveying – Planning and Processing Surveys"	8 PDH's	CER-564-03

CONTACT PERSON: Keith Houseman (1-800-522-0139)

TENNESSEE DEPARTMENT OF TRANSPORTATION

CER-565-03

"Control Densification Using GPS Observations"	3 PDH's
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CONTACT PERSON: Jim Waters (615-532-3135)

HISTORICAL COMMITTEE FOR TAPS

CER-566-03

"Retracing the Bounds of Tennessee at Nickajack Lake"	20 PDH's
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CONTACT PERSON: J.W. Kennedy (256-722-0585)

HAYES INSTRUMENT COMPANY

"Total Station Field Collimation"	2 PDH's	CER-567-03
"Fundamentals of Data Collection Software"	2 PDH's	CER-568-03
"Principals of Robotics in Land Surveying"	2 PDH's	CER-569-03
"Introduction to GPS with General Principals"	4 PDH's	CER-570-03
"Advanced GPS with Post Processing Applications"	4 PDH's	CER-571-03
"Real Time GPS Surveying with Applications"	8 PDH's	CER-572-03

CONTACT PERSON: Troy Deaton (800-251-1280)

JIM THORPE ASSOCIATES

"Tennessee Boundary Law"	8 PDH's	CER-573-03
"Tennessee Easement Law"	8 PDH's	CER-574-03

CONTACT PERSON: Jim Thorpe (931-670-0772)

SURVEYORS' EDUCATIONAL SEMINARS

"Fences – Acceptance or Rejection"	8 PDH's	CER-575-03
"BSI – Boundary Scene Investigation"	8 PDH's	CER-576-03

CONTACT PERSON: Dr. Ben Buckner (423-929-3215)

NBI, Inc.**CER-577-03**

"Getting Successful Results in Tennessee Eminent
Domain Actions" 7 PDH's

CONTACT PERSON: Rhonda Olson (715-835-8525)

**ILLINOIS PROFESSIONAL LAND SURVEYOR ASSOCIATION -
LITTLE EGYPTIAN CHAPTER****CER-578-03**

"Creation and Utilization of GIS Cadastral Layer" 6 PDH's

CONTACT PERSON: Kent Groh (618-993-2412)

PDHcenter.com**CER-579-03 (A-K)**

(A)	"GPS Surveying"	12 PDH's
(B)	"Land Boundary Survey I"	8 PDH's
(C)	"Land Boundary Survey II"	8 PDH's
(D)	"Alternate Dispute Resolution"	4 PDH's
(E)	"Basic Project Management"	12 PDH's
(F)	"Technical Report Writing"	6 PDH's
(G)	"Flood Plain Studies"	1 PDH
(H)	"Base Flood elevations by Approximate Methods"	4 PDH's
(I)	"Intellectual Property Issues for Architects, Engineers and Surveyors"	2 PDH's
(J)	"A Surveyor's Guide to the FEMA NFIP"	3 PDH's
(K)	"Land Surveying Safety Guide"	2 PDH's

CONTACT PERSON: John C. Huang (703-478-6833)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS (TAPS)

"Grid Staking and Maps for Soils Investigation"	1 PDH	CER-580-03
"National Pollutant Discharge Elimination System (NPDES)"	1 PDH	CER-581-03
"Flood Maps and Preparation of Elevation Certificates"	2 PDH's	CER-582-03

CONTACT PERSON: Bobby G. Moore (615-371-0485)

HALFMOON, LLC**CER-583-03**

"Practical Real Estate Title Skills" 7 PDH's

CONTACT PERSON: Doug Chapman (715-835-5900)

DAVID A. ATWELL

"Written Communication for Technical Professionals"	8 PDH's	CER-584-03
"Historical Sources in Research and Retracement"	8 PDH's	CER-585-03

CONTACT PERSON: David A. Atwell (859-230-6203)

MID-EAST TAPS CHAPTER**CER-586-03**

"Leaves On" Dendrology 8 PDH's

CONTACT PERSON: Howard or Diana Dawson (865-579-4075)

KNOXVILLE CITY ENGINEERING DEPARTMENT**CER-587-03**

"Stormwater & Street Ordinance Workshop for
Land Surveyors" 3 PDH's

CONTACT PERSON: Floyd R. Smith (865-215-2148)

TENNESSEE DEPARTMENT OF TRANSPORTATION**CER-588-03**

"Calibration Baseline Establishment Workshop" 24 PDH's

CONTACT PERSON: Jim Waters (615-532-3135)

NATIONAL BUSINESS INSTITUTE**CER-589-03**

"Land Use Law Update in Tennessee" 7 PDH's

CONTACT PERSON: Stella Steinke (715-835-8525)

ADVANCED SURVEYING TECHNOLOGY INC.

"Land Desktop Survey I"	6 PDH's	CER-590-03
"Land Desktop Survey II"	6 PDH's	CER-591-03
"Land Desktop Survey III"	6 PDH's	CER-592-03

CONTACT PERSON: Cesar H. Bradham (407-365-1595)

NATIONAL BUSINESS INSTITUTE**CER-593-03**

"Land Use Planning and Eminent Domain in Tennessee" 7 PDH's

CONTACT PERSON: Peggy Fisher (715-835-8525)

BLUEGRASS ENGINEERING AND SURVEYING INC.

"Rights-of-Way"	2 PDH's	CER-595-04
"Riparian Rights"	2 PDH's	CER-595-04
"Easements"	2 PDH's	CER-596-04
"Dendrology"	2 PDH's	CER-597-04
"Business Management"	2 PDH's	CER-598-04
"Drainage Surveys and Elevation Certificates"	2 PDH's	CER-599-04
"Safe Traffic Control"	2 PDH's	CER-600-04
"Field Management"	2 PDH's	CER-601-04
"Tennessee Minimum Standards and Ethics"	4 PDH's	CER-602-04

CONTACT PERSON: Barry Brock (502-868-5490)

AMERICAN CONGRESS ON SURVEYING AND MAPPING(ACSM)**CER-603-04**

A.	"Adjustment of Surveying Errors by Least Squares"	4 PDH's
B.	"ALTA-ACSM Land Title Surveys"	8 PDH's
C.	"Automated Mapping: From Field to Finish"	4 PDH's
D.	"Basic RTK Controller Workshop"	8 PDH's
E.	"CSI – Corner Site Investigation"	4 PDH's
F.	"Data Collector Workshop"	8 PDH's
G.	"Evidence, Exhibits & Testimony: Boundaries and Beyond"	8 PDH's
H.	"Fundamentals of Spatial Analysis"	4 PDH's
I.	"Geomapping for Data Visualization"	8 PDH's
J.	"Getting Into GIS Without Going Broke"	4 PDH's
K.	"GPS and GIS Applications in Support of Urban Codes Enforcement and Neighborhood Audits"	4 PDH's
L.	"GPS – Derived Heights Part I"	4 PDH's
M.	"GPS – Derived Heights Part II"	4 PDH's
N.	"GPS Vector Processing and Concepts"	8 PDH's
O.	"History of Land Surveying Measurement Topics"	7 PDH's
P.	"How to Teach the Boy Scouts Surveying Merit Badge"	4 PDH's
Q.	"Hydrographic Surveying"	7.5 PDH's
R.	"IBLA – Interior Board of Land Appeals"	4 PDH's
S.	"Implementing GIS"	4 PDH's
T.	"Improving Your Field Procedures"	4 PDH's
U.	"Introduction to CORS"	4 PDH's
V.	"Mr. Lincoln, Please Answer My Question"	8 PDH's
W.	"NCEES Item Writing Workshop – LSIT and/or LS"	8 PDH's
X.	"Orthophotos and Their Applications"	4 PDH's
Y.	"Practical Surveying with GPS"	8 PDH's
Z.	"Practical Use of State Plane Coordinates"	8 PDH's
AA.	"Professionalism and Ethics for Surveying"	4 PDH's
BB.	"Retracement Evidence"	4 PDH's
CC.	"Risk Management Issues with ALTA Surveys and Contractual Obligations"	4 PDH's
DD.	"Running a Successful Surveying Business (the Surveying is the Easy Part"	8 PDH's
EE.	"Statistics for Surveyors"	4 PDH's
FF.	"Surveying Errors and Their Analysis"	4 PDH's
GG.	"Test Drive GIS Lab – Part I"	4 PDH's
HH.	"Test Drive GIS Lab – Part II"	4 PDH's
II.	"The Surveyor's Role in Flood Studies"	4 PDH's
JJ.	"The Surveyor's Role in Government and Multipurpose GIS"	4 PDH's
KK.	"Utilities, Public and Otherwise"	4 PDH's

CONTACT PERSON: Colleen Campbell

(301-984-9450 x16)

TAPS – Southeast Chapter**CER-604-04**

"GIS Seminar for Surveyors, Developers and Engineers"	4 PDH's
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CONTACT PERSON: Mario Forte

(423-624-0020)

TRIMBLE SURVEY SALES**CER-605-04**

"GPS Survey" 8 PDH's

CONTACT PERSON: Bill Richardson (301-681-7779)

REDVECTOR.COM

"Analyzing Costs and Determining Fees for Land Surveyors" 1 PDH **CER-606-04**

"Basic Financials for Land Surveyors: The Bottom Line" 1 PDH **CER-607-04**

"Boundary Agreements" 4 PDH's **CER-608-04**

"Business Rules for Land Surveyors: The Gospel According to Dan" 2 PDH's **CER-609-04**

"Don Wilson's Court Decisions Every Surveyor Should Know About – Block 1: Surveying Definitions; Overlapping Titles and Descriptions" 2 PDH's **CER-610-04**

"Don Wilson's Court Decisions Every Surveyors Should Know About – Block 2: Description Interpretation" 2 PDH's **CER-611-04**

"Don Wilson's Court Decisions Every Surveyor Should Know About – Block 3: Rules of Construction for Interpreting Descriptions" 2 PDH's **CER-612-04**

"Don Wilson's Court Decisions Every Surveyor Should Know About – Block 4: Surveying Procedures" 2 PDH's **CER-613-04**

"Propagation of Random Errors Measurements by Dr. Ben Buckner" 8 PDH's **CER-614-04**

"Statistical Analysis of Random Errors by Dr. Ben Buckner" 4 PDH's **CER-615-04**

"The Real Deal on Marketing Land Surveying Services" 2 PDH's **CER-616-04**

CONTACT PERSON: Carrie Almodovar (1-866-546-1212)

PROFESSIONAL DEVELOPMENT SEMINARS INC.**CER-617-04**

"Surveying Relationships" 7.5 PDH's

CONTACT PERSON: Maureen Smith (800-774-4687 or 407-302-1202)

GEOMATIC WORKSHOPS

"Subdivision Design for Land Surveyors and Engineers" 16 PDH's **CER-618-04**

"FEMA/NFIP for Land Surveyors and Engineers" 8 PDH's **CER-619-04**

CONTACT PERSON: Bill Tingle (704-756-1491)

SURVEYPDU.COM

"Geodetic and Control Surveying" 8 PDH's **CER-620-04**

"GPS Guidelines and Standards" 8 PDH's **CER-621-04**

"Restoration of Lost and Obliterated Corners" 6 PDH's **CER-622-04**

"NSPS Model Standards of Practice" 6 PDH's **CER-623-04**

CONTACT PERSON: Stephan Tufte (785-231-8090)

LAND SURVEYORS WORKSHOPS

"Practical Hydrology"	4 PDH's	CER-624-04
"Analysis & Adjustment of Survey Traverses with Emphasis on Least Squares"	8 PDH's	CER-625-04
"GIS for GPS"	8 PDH's	CER-626-04
"Promoting Your Surveying Business"	4 PDH's	CER-627-04
"Land Surveying Laws"	16 PDH's	CER-628-04
"Automated Mapping: Field to Finish"	8 PDH's	CER-629-04
"Horizontal Curves"	4 PDH's	CER-630-04
"Vertical Curves"	4 PDH's	CER-631-04

CONTACT PERSON: Crystal Carson (336-846-1101)

NATIONAL BUSINESS INSTITUTE

CER-632-04

"Major Land Use Laws in Tennessee"	7 PDH's
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CONTACT PERSON: Deborah K. Best (715-835-8525)

BLUEGRASS ENGINEERING & SURVEYING

"Survey Mediation"	2 PDH's	CER-633-04
"Technology and the Surveyor"	2 PDH'S	CER-634-04
"Surveyor and the Internet"	2 PDH's	CER-635-04
"Tax Tips for Surveyors"	2 PDH's	CER-636-04
"Management (Going the Distance)"	2 PDH's	CER-637-04
"Boundary Law"	2 PDH's	CER-638-04

CONTACT PERSON: Barry Brock (502-868-5957)

JIM THORPE ASSOCIATES

"Resolving the Boundary"	8 PDH's	CER-639-04
"Surveying with GPS"	8 PDH's	CER-640-04

CONTACT PERSON: James E. Thorpe (931-670-0772)

HALFMOON, LLC

CER-641-04

"Practical Real Estate Skills"	7 PDH's
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CONTACT PERSON: Doug Chapman (715-835-5900)

TAPS

CER-642-04

"Modern Technology & the Impact on Land	4 PDH's
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CONTACT PERSON: Jeff Miller (423-787-7878)

LORMAN BUSINESS CENTER

CER-643-04

"Advanced Zoning and Land Use"	7 PDH's
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CONTACT PERSON: Kari Campbell (715-833-3940)

APPALACHIAN CHAPTER OF THE VIRGINIA ASSOCIATION OF SURVEYORS

"Overcoming Problems with Legal Descriptions"
"United State Supreme Court Decisions Effecting
VA/TN Boundary"

4 PDH's
4 PDH's

CER-644-04
CER-645-04

CONTACT PERSON: David Breeding (276-466-3344)

SURVEYORS EDUCATIONAL SEMINARS

"The Internet – A Research Tool for Land-Related
Investigations"
"Description Interpretation – The Finer Points"

8 PDH's
8 PDH's

CER-646-04
CER-647-04

CONTACT PERSON: Christine Wilson (603-772-5009)

LORMAN EDUCATION SERVICES

CER-648-04

"Zoning and Land Use"

7 PDH's

CONTACT PERSON: Kari Campbell (715-822-3940)

LORMAN EDUCATION SERVICES

CER-649-04

"Construction Issues in Tennessee"

7 PDH's

CONTACT PERSON: Kari Campbell (715-822-3940)

BARRY SAVAGE

CER-650-04

"Tennessee State Line Surveys"
(Tennessee-Georgia/Tennessee-Mississippi)

6 PDH's

CONTACT PERSON: Barry Savage (423-472-5714)

MID-EAST CHAPTER OF TAPS

CER-651-04

"Working with FEMA Certs, Insurance. LOMA"

7 PDH's

CONTACT PERSON: Howard Dawson (865-579-4075)

JEFFERY A. MILLER - TAPS

"Strategic Business Objectives"
"Lobbying 101"

2 PDH's
1 PDH

CER-652-04
CER-653-04

CONTACT PERSON: Jeff Miller (423-787-7878)

JEFF MILLER – TAPS

"Legal Issues for Tennessee Land Surveyors"	2 PDH's	CER-654-04
"Certified Surveying Technician Program"	1 PDH	CER-655-04
"Review of Minimum Standards"	3 PDH's	CER-656-04
"Communications, Profits and Risk Management"	2 PDH's	CER-657-04
"Your Work Computers – Tips, Traps and Tricks"	2 PDH's	CER-658-04

CONTACT PERSON: Jeff Miller (423-787-7878)

MID-EAST TAPS CHAPTER

"Survey Ethics"	2 PDH's	CER-659-04
"Basic Insurance"	3 PDH's	CER-660-04
"Basic Photogrammetry"	3 PDH's	CER-661-04

CONTACT PERSON: Howard Dawson (865-579-4075)

VIRGINIA ASSOCIATION OF SURVEYORS

"Overcoming Problems with Legal Descriptions"	4 PDH's	CER-662-04
"United States Supreme Court Decisions Affecting VA/TN Boundary"	4 PDH's	CER-663-04

CONTACT PERSON: Frank R. "Chip" Richardson or
Judy Hite (804-262-1351)

TENNESSEE DEPARTMENT OF TRANSPORTATION**CER-664-04**

"Geopak and Microstation Version 8 Design Class"	32 PDH's
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CONTACT PERSON: Jim Waters (615-532-3135)

HALF MOON LLC**CER-665-04**

"Solving Real Estate Title Problems in Tennessee"	7.5 PDH's
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CONTACT PERSON: Doug Chapman (715-835-5900)

ACSM-CLSA-NALS-WFPS CONFERENCE**CER-666-05 (A-W)**

A.	"Record Research – Paper vs. Ground Truth"	4 PDH's
B.	"Control Surveying"	8 PDH's
C.	"Math for Surveyors"	4 PDH's
D.	"Construction Surveying"	4 PDH's
E.	"Datums & Projections: Demystifying the Geodetic Reference Frame"	8 PDH's
F.	"The Colonial Land System and the Building of America"	4 PDH's
G.	"Using the Internet as a Tool"	4 PDH's
H.	"Role of Wood Evidence in the PLSS (as seen through the eyes of a western states surveyor)"	4 PDH's
I.	"Unwritten Transfers of Possesory and Non-possesory Interest in Land"	4 PDH's
J.	"The Role of the Surveyor as a Job Site Control Manager"	4 PDH's

K.	"Updating a Cadastral GIS"	4 PDH's
L.	"Cadastral GIS"	4 PDH's
M.	"The Three Worlds of Surveying or Meeting Our Modern Challenges"	8 PDH's
N.	"Buying or Selling the Engineering or Land Surveying Firm"	4 PDH's
O.	"Weighted Coordinate Transformations and their Applications in SPCS and Boundary Surveying"	4 PDH's
P.	"Why Lobby"	4 PDH's
Q.	"Professional Liability for Erroneous Surveys"	4 PDH's
R.	"Train the Trainer – Creating a Survey Technician Training Session"	4 PDH's
S.	"Documenting the File – How and Why of File Recordation and Documentation"	4 PDH's
T.	"Metes and Bounds Retracement"	4 PDH's
U.	"So, You've Discovered a Conflict. Now What?"	8 PDH's
V.	"Concepts in Risk Management and ALTA/ASCM Land Title Surveys as a Risk Management Tool"	8 PDH's
W.	"Practical GIS for Everyday Surveying"	8 PDH's

CONTACT PERSON: Colleen Campbell (703-964-1240 x16)

TENNESSEE DEPARTMENT OF TRANSPORTATION

CER-667-05

"Integrating Surveying and Global Positioning Systems" 7 PDH'S

CONTACT PERSON: Jim Waters (615-532-3135)

LORMAN EDUCATION SERVICES INC.

CER-668-05

"Current Issues in Storm Water Regulation" 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

LORMAN EDUCATION SERVICES INC.

CER-669-05

"Like Kind Real Estate Exchanges" 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

NATIONAL BUSINESS INSTITUTE

CER-670-05

"Tennessee Boundary Law: Critical Issues and
Solutions Every Practitioner Needs to Know" 7 PDH's

CONTACT PERSON: Leslie J. Gustafson (715-835-8525)

PROFESSIONAL EDUCATION SYSTEMS INSTITUTE

CER-671-05

"Easements: Rights of Way and Other Encumbrances" 8 PDH's

CONTACT PERSON: Nikki Jackson (715-836-0031)

LORMAN EDUCATION SERVICES**CER-672-05**

"Design Site Infrastructures in Tennessee" 7 PDH's

CONTACT PERSON: Kari J. Campbell (715-833-3940)

PROFESSIONAL DEVELOPMENT SEMINARS

"Lot and Block Surveys" 7.5 PDH's **CER-673-05**

"Acreage Boundary Surveys" 7.5 PDH's **CER-674-05**

"Surveying Ethics" 7.5 PDH's **CER-675-05**

"Surveying Relationships" 7.5 PDH's **CER-676-05**

CONTACT PERSON: Cindy Smith (800-774-4687)

LORMAN EDUCATION SERVICES INC.**CER-677-05**

"Zoning, Subdivision and Land Development Law" 7 PDH's

CONTACT PERSON: Kari J. Campbell (715-833-3940)

LORMAN EDUCATION SERVICES INC.**CER-678-05**

"Problem Solving for Condominium and Homeowners'
Associations" 7 PDH's

CONTACT PERSON: Kari J. Campbell (715-833-3940)

LEICA GEOSYSTEMS HDS LLC**CER-679-05**

"High Definition Surveying for Today's Surveying
Professional" 4 PDH's

CONTACT PERSON: Michael W. Harvey (615-776-7870)

KNOXVILLE CITY ENGINEERING DIVISION**CER-680-05**

"Surveying in the City" 7.2 PDH's

CONTACT PERSON: Floyd R. Smith (865-215-2148)

LORMAN EDUCATION SERVICES**CER-681-05**

"Advanced Zoning and Land Use" 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

SURVEYORS EDUCATIONAL SEMINARS

"Earth Movement & Boundaries" 8 PDH's **CER-682-05**

"Title, Research and Liability" 8 PDH's **CER-683-05**

CONTACT PERSON: Christine Wilson (603-770-5009)

JIM THORPE ASSOCIATES

"Subdividing Lands"	8 PDH's	CER-684-05
"Resolving the Boundary"	6 PDH's	CER-685-05
"Writing Effective Land Descriptions"	4 PDH's	CER-686-05
"Surveying with GPS"	4 PDH's	CER-687-05

CONTACT PERSON: Jim Thorpe (931-670-0772)

LORMAN EDUCATION SERVICES**CER-688-05**

"Zoning and Land Use"	7 PDH's
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CONTACT PERSON: Kari Campbell (715-833-3940)

LORMAN EDUCATION SERVICES**CER-689-05**

"Advanced Zoning and Land Use" – Memphis, TN	7 PDH's
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CONTACT PERSON: Kari Campbell (715-833-3940)

SurveyPDU.com**CER-690-05**

"Resurveys of the PLS"	6 PDH's
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CONTACT PERSON: Stephan Tufte (785-231-8090)

TENNESSEE ASSOCIATION OF PROFESSIONAL GEOLOGISTS

"Tennessee Land Title Association"	1 PDH	CER-691-05
"Tennessee One Call System, Inc."	1 PDH	CER-692-05
"Applications of LiDAR in Surveying"	1 PDH	CER-693-05
"Critical Incident Response Team Total Station Presentation"	1 PDH	CER-694-05

CONTACT PERSON: Lori Medley (615-830-9311)

LAND SURVEYORS WORKSHOPS

"Easements and Rights of Way: What Every Surveyor Should Know"	4 PDH's	CER-695-05
"Adverse Possession"	4 PDH's	CER-696-05
"Unwritten Rights and Other Goblins of the Night"	4 PDH's	CER-697-05
"Hydrology – SCS Method and Culvert Sizing"	4 PDH's	CER-698-05
"Error Theory"	4 PDH's	CER-699-05
"Design of Ditches"	4 PDH's	CER-700-05
"Design of Vertical Curves"	4 PDH's	CER-701-05
"Earthwork Computations for Surveyors"	4 PDH's	CER-702-05
"Surveyors Responsibilities & Land Litigation"	2 PDH's	CER-703-05
"Water Law & Riparian Rights"	2 PDH's	CER-704-05
"Survey Report Preparation"	4 PDH's	CER-705-05
"So You Want to be an Expert Witness: The Role of the Surveyor in Court"	4 PDH's	CER-706-05
"The Surveyors Role in the Transfer of Real Property"	4 PDH's	CER-707-05
"Income and Retirement Planning for Small Business Owners"	4 PDH's	CER-708-05

"Legal Research for Land Surveyors"	4 PDH's	CER-709-05
"Just How Good IS My Survey?"	4 PDH's	CER-710-05
"Survive and Thrive in Sea of Lowballers"	4 PDH's	CER-711-05
"C&G Surveying Software Training"	16 PDH's	CER-712-05
"Using the Internet as a Business Tool"	4 PDH's	CER-713-05
"Insurance Needs of the Surveyor"	4 PDH's	CER-714-05
"Hydrology: Rational and Anderson Methods"	4 PDH's	CER-715-05
"Promoting Your Surveying Business: Marketing, PR & Advertising"	4 PDH's	CER-716-05

CONTACT PERSON: Crystal Carson (336-846-1101)

LORMAN EDUCATION SERVICES INC.

CER-717-05

"Eminent Domain" 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

BLUEGRASS ENGINEERING AND SURVEYING

"Court System and the Surveyor"	2 PDH's	CER-718-05
"Legal Descriptions"	1 PDH	CER-719-05
"History of Surveying I"	2 PDH's	CER-720-05
"Erosion Control"	2 PDH's	CER-721-05

CONTACT PERSON: Ron Herrington (859-272-5490)

LAND SURVEYORS WORKSHOPS

CER-722-05

"Basic Carlson Survey Software Training" 16 PDH's

CONTACT PERSON: Crystal Carson (336-846-1101)
Larry Phipps (800-533-4387)

LORMAN EDUCATION SERVICES INC.

CER-723-05

"Redevelopment of Contaminated Property Teleconference" 1.5 PDH's

CONTACT PERSON: Kari Campbell (715-855-7079)

LORMAN EDUCATION SERVICES INC.

CER-724-05

"Plat and Subdivision Law" 7 PDH's

CONTACT PERSON: Kari Campbell (715-855-7079)

LORMAN EDUCATION SERVICES, INC.

CER-725-05

"Crusin' Construction Issues in the Bahamas" 1.5 PDH's

CONTACT PERSON: Kari Campbell (715-855-7079)

LORMAN EDUCATION SERVICES INC.**CER-726-05**

"Plat and Subdivision Law (Memphis, TN)" 7 PDH's

CONTACT PERSON: Kari Campbell (715-855-7079)

LORMAN EDUCATION SERVICES INC.**CER-727-05**

"Current Issues in Storm Water Regulation" 7 PDH's

CONTACT PERSON: Kari Campbell (715-855-7079)

DONALD F. STALLINGS**CER-728-05**

"Introduction to Network Least Squares with C&G Software" 8 PDH's

CONTACT PERSON: Donald F. Stallings (919-469-8336)

TENNESSEE ASSOCIATION OF PROFESSIONAL SURVEYORS

"Katrina's in Charge" 2 PDH's **CER-729-06**

"Effective Marketing of Professional Services for
Engineers/Surveyors" 2 PDH's **CER-730-06**

"Future Role of Surveyors in GIS" 3 PDH's **CER-731-06**

"Establishing Your Engineering or Surveying Practice" 4 PDH's **CER-732-06**

"How Do Little Guys Play on the Big Field?" 1 PDH **CER-733-06**

"Internet Resources for Land Surveyors" 1 PDH **CER-734-06**

"TDOT GeoPak & Microstation CAD Drafting for TDOT
Surveys" 1 PDH **CER-735-06**

"CORS-OPUS" 1 PDH **CER-736-06**

"Surveying Initiatives at TDOT" 2 PDH's **CER-737-06**

"State Line Monument Stones: Saving the Future" 2 PDH's **CER-738-06**

CONTACT PERSON: Lori Medley (615-860-9311)

LORMAN EDUCATION SERVICES

"Legal Aspects of Condominium Development and
Homeowner's Associations" 7 PDH's **CER-739-06**

"Does Your Project Violate the Clean Water Act? Phase II
Storm Water Regulation and Compliance" 1.5 PDH's **CER-740-06**

CONTACT PERSON: Kari Campbell (715-833-3940)

LORMAN EDUCATION SERVICES

"Eminent Domain (May 23, 2006 – Knoxville, TN)" 7 PDH's **CER-741-06**

"Water Quality Issues Affecting Wastewater Treatment
Plants: 2006 and Beyond" 1.5 PDH's **CER-742-06**

CONTACT PERSON: Kari Campbell (715-833-3940)

EARL DUDLEY ASSOCIATES, INC.**CER-743-06**

"Advanced Surveying Technologies – Long Range
RTK (Reference Station Networks) & Integrated
Survey Concepts" 3 PDH's

CONTACT PERSON: Tyler Collier (615-885-1274)

HALFMOON LLC.**CER-744-06**

"Legal Issues for Tennessee Land Surveyors" 7 PDH's

CONTACT PERSON: Doug Chapman (715-835-5900)

NATIONAL BUSINESS INSTITUTE**CER-745-06**

"Boundary Disputes: Resolving Conflicts Without Going
to Court" 7 PDH's

CONTACT PERSON: Elizabeth C. Zenner (715-835-8525)

LORMAN EDUCATION SERVICES**CER-746-06**

"Land Development (May 25, 2006 – Memphis, TN) 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

AMERICAN CONGRESS ON SURVEYING AND MAPPING

"ALTA/ACSM Land Title Surveys" 8 PDH's **CER-747-06**

"Practical GIS for Everyday Surveying" 8 PDH's **CER-748-06**

"Geographic Information Systems for Engineers,
Surveyors and Municipal Managers" 8 PDH's **CER-749-06**

"Easements as Seen Thru Case Law" 8 PDH's **CER-750-06**

"Geodetic and Tidal Vertical Datums" 8 PDH's **CER-751-06**

"Documenting the File – How and Why of File Recordation
and Documentation" 4 PDH's **CER-752-06**

"Higher Order Surveying in the Southeastern US" 4 PDH's **CER-753-06**

"Evidence, Exhibits and Testimony: Boundaries and
Beyond" 8 PDH's **CER-754-06**

"RTK GPS Workshop and/or Data Collector Workshop" 8 PDH's **CER-755-06**

"GPS Vector Processing and Concepts as Implemented
In the PAGES Software Suite" 8 PDH's **CER-756-06**

"Large-Scale Topographic Mapping for Surveyors" 8 PDH's **CER-757-06**

"Justice Cooley of Michigan Meets Justice Lumpkin
of Georgia" 8 PDH's **CER-758-06**

"Making the Most of Your Total Station" 4 PDH's **CER-759-06**

"The Surveyor's Role in Flood Studies" 4 PDH's **CER-760-06**

"Situational Ethics for Land Surveyors" 4 PDH's **CER-761-06**

"Public Data, Public Access, Privacy and Security:
U.S. Law and Policy" 8 PDH's **CER-762-06**

"The Rectangular Land System: Subdivision of the
Public Lands" 8 PDH's **CER-763-06**

"So, You've Discovered a Conflict. Now What?" 8 PDH's **CER-764-06**

"Geomapping for Data Visualization" 4 PDH's **CER-765-06**

"Introduction to Using CORS & OPUS" 4 PDH's **CER-766-06**

"The Quasi-Judicial Functions of the Land Surveyor" 4 PDH's **CER-767-06**

"Asset Management: Planning, Strategy and Implementation"	8 PDH's	CER-768-06
"Running a Successful Surveying Business (the surveying Is the easy part)"	8 PDH's	CER-769-06
"Hydrographic Surveying"	8 PDH's	CER-770-06
"GPS, Geodesy and the Ghost in the Machine: A Modern Surveying and Mapping Workshop"	8 PDH's	CER-771-06
"Organize Your Computer Files (emphasis on CAD files)"	4 PDH's	CER-772-06
"Map Projection Fundamentals"	4 PDH's	CER-773-06
"GPS-Derived Heights Part I, Development and Description of NGS Guidelines"	4 PDH's	CER-774-06
"The Marketable Record Title Act (MRTA)"	4 PDH's	CER-775-06
"GPS-Derived Heights Part II, Planning and Evaluating a GPS Vertical Survey"	4 PDH's	CER-776-06
"Weighted Coordinate Transformations and Their Applications In SPCS and Boundary Surveying"	4 PDH's	CER-777-06
"Orthophotography and Its Applications"	4 PDH's	CER-778-06
"CSI (Corner Site Investigation) – Forensics of Surveying"	4 PDH's	CER-779-06
"This Little Piggy Went to Market; This Little Piggy Stayed Home"	4 PDH's	CER-780-06
"The Expert Witness"	4 PDH's	CER-781-06
"Understanding Errors in Measurements"	4 PDH's	CER-782-06

CONTACT PERSON: Trisha Milburn (240-632-9716)

NATIONAL BUSINESS INSTITUTE

CER-783-06

"Eminent Domain – Legal Update" 7 PDH's

CONTACT PERSON: Cassi Gruber (715-835-8525)

LORMAN EDUCATION SERVICES

CER-784-06

"Construction Delay Claims" 7 PDH's
June 20, 2006 – Nashville, TN

CONTACT PERSON: Kari Campbell (715-833-3940)

LORMAN EDUCATION SERVICES

CER-785-06

"Current Issues in Storm Water Regulation" 7 PDH's
June 23, 2006 – Nashville, TN

CONTACT PERSON: Kari Campbell (715-833-3940)

PROFESSIONAL EDUCATION SYSTEMS INSTITUTE

CER-786-06

"Ethics, Professionalism and the Boundary Specialist" 2 PDH's

CONTACT PERSON: Nikki Jackson (715-833-5296)

PROFESSIONAL EDUCATION SYSTEMS INSTITUTE

CER-787-06

"Emerging Trends in Surveying & Real Property Law" 18 PDH's

CONTACT PERSON: Nikki Jackson (715-833-5296)

NORTHEAST CHAPTER OF TAPS**CER-788-06**

"The Future of GPS" 1 PDH

CONTACT PERSON: Ross H. Peters (423-989-5689)

PROFESSIONAL EDUCATION SYSTEMS INSTITUTE**CER-789-06**

"Running a Successful Surveying Business
(The Surveying is the Easy Part)" 7 PDH's

CONTACT PERSON: Nikki Jackson (715-833-5296)

LORMAN EDUCATION SERVICES**CER-790-06**

"Zoning, Subdivision and Land Development Law"
August 4, 2006 – Nashville, TN 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

LORMAN EDUCATION SERVICES**CER-791-06**

"Prevailing Wage Law"
Nashville, TN – July 18, 2006 7 PDH's

CONTACT PERSON: Kari Campbell (715-833-3940)

SURVEYORS EDUCATIONAL SEMINARS**CER-792-06**

"Boundary Retracement Using Modern Tools" 8 PDH's

CONTACT PERSON: Christine D. Wilson (603-772-5009)

SURVEYORS EDUCATIONAL SEMINARS**CER-793-06**

"Peripheral Concerns for the Land Surveyor" 8 PDH's

CONTACT PERSON: Christine D. Wilson (603-772-5009)

LAND SURVEYOR'S WORKSHOPS

"ALTA/ASCM: The New Standards and How to
Apply Them" 4 PDH's **CER-794-06**

"Advanced Technologies for Carlson 2006" 8 PDH's **CER-795-06**

"Carlson Survey Software: Organizing and Setting
Up CAD Drawing for Beginners" 8 PDH's **CER-796-06**

"Drawing a Map Using Your Computer – The Basics
After Initial Setup" 8 PDH's **CER-797-06**

"FEMA for Land Surveyors" 4 PDH's **CER-798-06**

"Horizontal Alignment" 4 PDH's **CER-799-06**

"Hydrology for Surveyors II" 4 PDH's **CER-800-06**

"Introduction to Laser Scanning" 4 PDH's **CER-801-06**

"Maps and Charts" 4 PDH's **CER-802-06**

"Marketing, PR and Advertising for the Small
Professional Office" 4 PDH's **CER-803-06**

"Organize Your Computer Files (Emphasis on CAD Files)"	4 PDH's	CER-804-06
"Small Business Management Tools with Spreadsheets"	4 PDH's	CER-805-06
"Seven Deadly Sins of Surveying"	4 PDH's	CER-806-06
"SurvCE Introductory Course for Field Users"	4 PDH's	CER-807-06
"Using Microsoft Word and Excel in a Small Surveying Office"	4 PDH's	CER-808-06

CONTACT PERSON: Larry Phipps (336-846-1101)

TDEC/WEST CHAPTER OF TAPS

CER-809-06

"Permit Requirements Through TDEC"	2 PDH's
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CONTACT PERSON: Paul Henson (731-645-8191)

BLUEGRASS ENGINEERING & SURVEYING

"Surveyors Role in Site Development"	2 PDH's	CER-810-06
"ALTA Standards"	2 PDH's	CER-811-06
"Starting a Surveying Company"	2 PDH's	CER-812-06
"Surveyors Shape a Nation"	2 PDH's	CER-813-06

CONTACT PERSON: Ron Herrington or Barry Brock (502-868-5957)

LAND SURVEYORS WORKSHOPS

"Legal Descriptions - Do's and Don'ts"	2 PDH's	CER-814-06
"Astronomy for Land Surveyors"	2 PDH's	CER-815-06
"The Land Surveyor's Field Guide to Client Types"	2 PDH's	CER-816-06
"Introduction to New Technology in Surveying 1"	4 PDH's	CER-817-06
"Ethics for Land Surveyors"	2 PDH's	CER-818-06

CONTACT PERSON: Crystal Carson (336-846-1101)